Environment Canada | Environnement Canada

Surface Water Data

Alberta

Données sur les eaux de surface

1985

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1986

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1986

© Minister of Supply and Services Canada 1986

Cat. No. En 36-403/1985

ISBN 0-662-54473-0

PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Calgary, Alberta.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Calgary (Alberta).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

CONTENTS

	PAGE
Preface	iii
Introduction	iv
Organization and History of Hydrometric Survey Operations	iv
Co-operation and Acknowledgments	v
Equivalents of Measure	vi
Definition of Terms and Abbreviations	vii
Publication of Surface Water and Sediment Data	vii
Method of Tabulation of Surface Water Data	ix
Revisions	xi
Accuracy of Hydrometric Data	xii
Microfiche	xii
Surface Water Data, Gauging Stations in Alphabetical Order	1
Alphabetical Index	285
Station Number Index	291

TABLE DES MATIÈRES

	PAGE
Préface	iii
Introduction	iv
Organisation et historique des relevés hydrométriques	iv
Coopération et remerciements	v
Équivalences des unités de mesure	vi
Définitions des termes et abréviations	vii
Publication des données sur les eaux de surface et les sédiments	vii
Présentation sous forme de tableaux des données sur les eaux de surface	ix
Révisions	xi
Exactitude des données hydrométriques	xii
Microfiche	xii
Données sur les eaux de surface — Stations de jaugeage énumérées dans l'ordre alphabétique	1
Index alphabétique	285
Index numérique des stations	291

INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1985 calendar year, the results of the hydrometric survey investigations which were made in Alberta by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
Bag 2902,
Postal Station 'M',
(Room 854,
220–4th Avenue S.E.,)
Calgary, Alberta.
T2P 2M7

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1985, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Alberta.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Sac postal 2902
Succursale postale 'M'
(Pièce 854,
220, Quatrième avenue S.-E.)
Calgary (Alberta)
T2P 2M7

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1985, the hydrometric surveys in Alberta were conducted by the Water Survey of Canada under agreement with the Province of Alberta. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1985, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Alberta en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

Stream measurement work was carried on between 1894 and 1908 in connection with the Canadian Irrigation Surveys. Early in 1909 the Hydrometric Survey was organized as part of the Forestry and Irrigation Branch and was conducted by the Branch until 1911. The Hydrometric Survey was then assigned to the Irrigation Branch (later the Reclamation Service) remaining in that organization until July, 1920, when it was transferred to the Dominion Water Power Branch. Following the transfer of the natural resources of Alberta to provincial control as of October 1, 1930, a co-operative agreement was arranged with the Government of Alberta for the continuance of the hydrometric survey by the federal government. Although this agreement was terminated in 1933 work was continued by the federal government under letter arrangement until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Alberta on April 15, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis.

Entre 1894 et 1908, des relevés ont été effectués en même temps que les levés canadiens relatifs à l'irrigation. Au début de l'année 1909, un service des relevés hydrométriques a été créé au sein de la Direction des forêts et de l'irrigation, qui s'en est occupée jusqu'en 1911. L'exécution de ces relevés a ensuite été confiée à la Direction de l'irrigation (devenue plus tard le Service de la mise en valeur des terres), et ce jusqu'en juillet 1920, date à laquelle la Direction fédérale de l'énergie hydraulique en a pris charge. Après que la responsabilité des ressources naturelles de l'Alberta a passé à cette dernière, le 1er octobre 1930, un accord de coopération a été conclu avec son gouvernement, aux termes duquel le gouvernement fédéral s'est engagé à poursuivre l'exécution des relevés hydrométriques. L'accord à pris fin en 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 15 avril 1975, le gouvernement de l'Alberta a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Department of Public Works;
Department of Agriculture, Research Branch.

Provincial – Alberta Forest Service;
Department of the Environment, Water Resources Branch, Alberta;
St. Mary-Milk River Development Commission, Alberta.

Municipal – City of Calgary, Alberta.

Private – Western Irrigation District;
Eastern Irrigation District;
United Irrigation District;
Lethbridge Northern Irrigation District;
Northern Transportation Company;
Syncrude Canada Limited;
TransAlta Utilities Corporation;
Canadian Utilities Limited;
North Western Pulp and Power Limited;
St. Mary River Irrigation District.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère des Travaux publics,
Direction de la recherche du ministère de l'Agriculture.

Niveau provincial – *Alberta Forest Service*,
Direction des ressources en eau du ministère de l'Environnement de l'Alberta,
St. Mary-Milk River Development Commission, Alberta.

Niveau municipal – Ville de Calgary, Alberta.

Secteur privé – *Western Irrigation District*,
Eastern Irrigation District,
United Irrigation District,
Lethbridge Northern Irrigation District,
Northern Transportation Company,
Syncrude Canada Limited,
TransAlta Utilities Corporation,
Canadian Utilities Limited,
North Western Pulp and Power Limited,
St. Mary River Irrigation District.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by province. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, province, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par province. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la province, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

ADAMS CREEK NEAR KINUSO - STATION NO. 07BJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0408	0.6188	5.39	0.805	0.526	0.0508	0.0708	1.74	0.5304	---	1
2	---	---	0.0408	0.6388	10.1	0.660	0.794	0.0488	0.0808	1.84	---	---	2
3	---	---	0.0408	1.13 B	16.8	0.531	0.664	0.0408	0.1008	2.27	---	---	3
4	---	---	0.0408	0.9838	14.9	0.436	0.528	0.0408	0.3008	2.91	---	---	4
5	---	---	0.0458	1.01 B	11.2	0.376	0.433	0.0408	0.784	3.38 A	---	---	5
6	---	---	0.0508	0.7378	8.91	0.356	0.382	0.0508	0.718	1.90 E	---	---	6
7	---	---	0.0538	0.6418	6.42	0.386	0.350	0.1008	0.488	1.85 E	---	---	7
8	---	---	0.0508	0.5138	7.73	0.335	0.3008	0.1708	0.408	1.85 E	---	---	8
9	---	---	0.0858	2.27 B	7.14	0.335	0.3508	0.1508	0.348	1.36 E	---	---	9
10	---	---	0.0758	3.70 B	6.23	0.316	0.3308	0.3008	0.3158	1.32 E	---	---	10
11	---	---	0.0858	3.38 B	6.83	0.295	0.3008	0.2008	0.2708	1.32 E	---	---	11
12	---	---	0.1108	5.58	7.02	0.277	0.3008	0.1858	0.247	1.34 E	---	---	12
13	---	---	0.1258	6.07	5.97	0.261	0.3008	0.1808	0.2778	1.38 E	---	---	13
14	---	---	0.1358	6.26	5.81	0.286	0.2908	0.2308	3.56	1.58 E	---	---	14
15	---	---	0.1408	6.53	5.46	0.295	0.2708	0.2578	1.50	1.80 E	---	---	15
16	---	---	0.1208	5.33	4.68	1.39	0.2408	0.430	1.56	1.95 E	---	---	16
17	---	---	0.1258	5.91	4.77	1.27	0.08	0.3188	2.57	1.87 E	---	---	17
18	---	---	0.1408	6.23	4.65	0.847	0.1408	0.2808	1.82	1.80 E	---	---	18
19	---	---	0.1908	5.61	3.80	0.582	0.1408	0.2508	1.48	1.50 E	---	---	19
20	---	---	0.2608	4.30	3.24	0.485	0.1008	0.2008	1.24	1.30 E	---	---	20
21	---	---	0.4008	3.35	2.67	0.472	0.1008	0.1908	3.36	1.15 E	---	---	21
22	---	---	0.3808	2.85	2.31	0.407	0.1008	0.1908	4.83	1.08 E	---	---	22
23	---	---	0.3608	3.16	1.97	0.440	0.1908	0.1708	3.15	1.00 E	---	---	23
24	---	---	0.3008	3.66	1.76	7.61	0.3008	0.1408	4.73	0.9408	---	---	24
25	---	---	0.2348	3.20	1.55	8.56	0.3408	0.1008	4.27	0.8808	---	---	25
26	---	---	0.2058	4.25	1.37	3.68	0.3728	0.0908	4.98	0.8008	---	---	26
27	---	---	0.1208	4.71	1.25	2.63	0.3608	0.0708	4.62	0.7808	---	---	27
28	---	---	0.0838	4.49	1.37	2.10	0.2608	0.0508	3.06	0.6808	---	---	28
29	---		0.0858	3.82	1.67	1.80	0.1708	0.0488	2.41	0.5808	---	---	29
30	---		0.1078	4.23	1.15	1.19	0.1308	0.0508	2.01	0.5408	---	---	30
31	---		0.1448		0.993		0.1008	0.0508		0.5908		---	31
TOTAL	---	---	4.398	109.235	185.383	39.553	9.832	4.536	55.817	42.660	---	---	TOTAL
MEAN	---	---	0.142	3.61	5.37	1.32	0.320	0.146	1.86	1.38	---	---	MEAN
MAX	---	---	0.400	6.26	16.8	8.56	0.935	0.430	4.98	3.51	---	---	MAX
MIN	---	---	0.040	0.515	0.993	0.277	0.100	0.040	0.070	0.540	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.75
MAXIMUM DAILY, 16.8 ON MAY 3
MINIMUM DAILY, 0.0408 ON MAR 1
MAXIMUM INSTANTANEOUS,
23.0 AT 21:00 MST ON MAY 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 13 06 N
LONG 115 20 03 W
DRAINAGE AREA, 138 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	854
FEB	---	AUG	392
MAR	380	SEP	4 830
APR	9 100	OCT	3 700
MAY	16 400	NOV	---
JUN	3 420	DEC	---

TOTAL DISCHARGE, 37 100 dam³

ALBERTA POWER COOLING POND - STATION NO. 05CC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0 E	0	0.331	0.457	0	0	---	---	1
2	---	---	---	---	0 E	0	0.323	0.456	0	0	---	---	2
3	---	---	---	---	0 E	0	0.471	0.456	0	0E	---	---	3
4	---	---	---	---	0 E	0	0.675	0.455	0	0E	---	---	4
5	---	---	---	---	0 E	0.156	0.656	0.451	0	0E	---	---	5
6	---	---	---	---	0 E	0.231	0.648	0.448	0	0E	---	---	6
7	---	---	---	---	0 A	0.224	0.651	0.448	0	0E	---	---	7
8	---	---	---	---	0	0.225	0.646	0.447	0	0E	---	---	8
9	---	---	---	---	0	0.226	0.639	0.447	0	0E	---	---	9
10	---	---	---	---	0	0.229	0.640	0.453	0	0E	---	---	10
11	---	---	---	---	1.13	0.228	0.648	0.448	0	0E	---	---	11
12	---	---	---	---	1.02	0.230	0.647	0.309	0	0E	---	---	12
13	---	---	---	---	0.493	0.208	0.650	0	0	0E	---	---	13
14	---	---	---	---	0	0.195	0.654	0	0	0E	---	---	14
15	---	---	---	---	0	0.156	0.657	0	0	0E	---	---	15
16	---	---	---	---	0	0.152	0.543	0	0.287	0E	---	---	16
17	---	---	---	---	0	0.153	0.481	0	0.444	0E	---	---	17
18	---	---	---	---	0	0.153	0.477	0	0.446	0E	---	---	18
19	---	---	---	---	0	0.154	0.483	0	0.446	0E	---	---	19
20	---	---	---	---	0	0.156	0.483	0	0.446	0E	---	---	20
21	---	---	---	---	0	0.201	0.480	0	0.446	0E	---	---	21
22	---	---	---	---	0	0.203	0.480	0	0.443	0E	---	---	22
23	---	---	---	---	0	0.205	0.481	0	0.442	0E	---	---	23
24	---	---	---	---	0	0.188	0.481	0	0.443	0E	---	---	24
25	---	---	---	---	0	0.213	0.480	0	0.154	0E	---	---	25
26	---	---	---	---	0	0.231	0.478	0	0	0E	---	---	26
27	---	---	---	---	0	0.230	0.480	0	0	0E	---	---	27
28	---	---	---	---	0	0.230	0.484	0	0	0E	---	---	28
29	---		---	---	0	0.234	0.483	0	0	0E	---	---	29
30	---		---	---	0	0.236	0.483	0	0	0A	---	---	30
31	---		---		0		0.480	0		0E		---	31
TOTAL	---	---	---	---	3.233	6.436	15.387	5.278	3.871	0	---	---	TOTAL
MEAN	---	---	---	---	0.104	0.181	0.539	0.170	0.122	0	---	---	MEAN
MAX	---	---	---	---	1.02	0.231	0.675	0.457	0.446	0	---	---	MAX
MIN	---	---	---	---	0	0	0.231	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.155
MAXIMUM DAILY, 1.02 ON MAY 12
MINIMUM DAILY, 0E ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

A - MANUAL GAUGE

E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 620
FEB	---	AUG	456
MAR	---	SEP	343
APR	---	OCT	0
MAY	270	NOV	---
JUN	470	DEC	---

TOTAL DISCHARGE, 3 970 dam³

ALKALI CREEK NEAR THE MOUTH - STATION NO. 09CK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 E	0.2198	0.013	0.002	0	0	0	0	---	---	1
2	---	---	0 E	0.2758	0.012	0.001	0	0	0	0	---	---	2
3	---	---	0 E	0.0898	0.011	0	0	0	0	0	---	---	3
4	---	---	0 E	5.10 E	0.012	0	0	0	0	0	---	---	4
5	---	---	0 E	7.02 E	0.011	0	0	0	0	0	---	---	5
6	---	---	0 E	3.65 E	0.010	0	0	0	0	0	---	---	6
7	---	---	0 E	2.84 E	0.009	0	0	0	0	0	---	---	7
8	---	---	0 E	1.61	0.008	0	0	0	0	0	---	---	8
9	---	---	0 E	1.04	0.007	0	0	0	0	0	---	---	9
10	---	---	0 E	0.373	0.006	0	0	0	0	0	---	---	10
11	---	---	0 E	0.202	0.005	0	0	0	0	0	---	---	11
12	---	---	0 E	0.143	0.006	0	0	0	0	0	---	---	12
13	---	---	0 E	0.135	0.006	0	0	0	0	0	---	---	13
14	---	---	0.0015	0.067	0.006	0	0	0	0	0	---	---	14
15	---	---	0.0058	0.055	0.005	0	0	0	0	0	---	---	15
16	---	---	0.0108	0.038	0.003	0	0	0	0	0	---	---	16
17	---	---	0.1008	0.030	0.003	0	0	0	0	0	---	---	17
18	---	---	0.1508	0.024	0.003	0	0	0	0	0	---	---	18
19	---	---	0.1748	0.024	0.002	0	0	0	0	0	---	---	19
20	---	---	0.1788	0.026	0.001	0	0	0	0	0	---	---	20
21	---	---	0.1128	0.027	0	0	0	0	0	0	---	---	21
22	---	---	0.0368	0.022	0.001	0	0	0	0	0	---	---	22
23	---	---	0.0278	0.018	0.002	0	0	0	0	0	---	---	23
24	---	---	0.0288	0.019	0.003	0	0	0	0	0	---	---	24
25	---	---	0.0298	0.030	0.002	0	0	0	0	0	---	---	25
26	---	---	0.0308	0.028	0.004	0	0	0	0	0	---	---	26
27	---	---	0.0248	0.021	0.004	0	0	0	0	0	---	---	27
28	---	---	0.0238	0.017	0.003	0	0	0	0	0A	---	---	28
29	---		0.0278	0.015	0.005	0	0	0	0	0E	---	---	29
30	---		0.0438	0.014	0.003	0	0	0	0	0E	---	---	30
31	---		0.0688		0.003		0	0		0E	---	---	31
TOTAL	---	---	1.076	23.583	0.172	0.003	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.035	0.786	0.006	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.178	7.02	0.013	0.002	0	0	0	0	---	---	MAX
MIN	---	---	0	0.014	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.101
MAXIMUM DAILY, 7.020 ON APR 5
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
13.38 AT 16:11 MST ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 54 N
LONG 110 30 30 W
DRAINAGE AREA, 930 km²
A - MANUAL GAUGE
E - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	92.8	SEP	0
APR	2 040	OCT	0
MAY	14.9	NOV	---
JUN	0.26	DEC	---

TOTAL DISCHARGE, 2 150 dam³

AMISK CREEK NEAR SHONTS - STATION NO. 05EB016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 E	1.96 E	0.595	0.001E	0.031	0	0	0	08	---	1
2	---	---	0 E	3.09 E	0.380	0.001E	0.010	0	0	0	08	---	2
3	---	---	0 E	3.31	0.339	0.001E	0.006	0	0	0	08	---	3
4	---	---	0 E	3.24	0.340	0.001E	0	0	0	0	08	---	4
5	---	---	0 E	2.84	0.297	0.072	0	0	0	0	08	---	5
6	---	---	0 E	1.76	0.261	0.116	0	0	0	0	---	---	6
7	---	---	0 E	1.35	0.230	0.051	0	0	0	0	---	---	7
8	---	---	0 E	1.16	0.211	0.017	0	0	0	0	---	---	8
9	---	---	0 E	0.606	0.197	0.001E	0	0	0	0	---	---	9
10	---	---	0.0018	0.889	0.188	0.001E	0	0	0	0	---	---	10
11	---	---	0.0038	0.842	0.168	0.001E	0	0	0	0	---	---	11
12	---	---	0.0048	0.881	0.161	0.001E	0	0	0	0	---	---	12
13	---	---	0.0088	1.83	0.122	0.001E	0	0	0	0	---	---	13
14	---	---	0.0068	1.77	0.108	0.001E	0	0	0	0	---	---	14
15	---	---	0.0138	1.33	0.092	0.001E	0	0	0	0	---	---	15
16	---	---	0.0308	0.618	0.078	0.001E	0	0	0	0	---	---	16
17	---	---	0.4008	0.564	0.062	0.001E	0	0	0	0	---	---	17
18	---	---	3.00 E	0.548	0.053	0.001E	0	0	0	0	---	---	18
19	---	---	10.0 E	0.537	0.041	0.001E	0	0	0	0	---	---	19
20	---	---	14.0 E	0.498	0.033	0.001E	0	0	0	08	---	---	20
21	---	---	8.11 E	0.472	0.026	0.001E	0	0	0	08	---	---	21
22	---	---	5.72 E	0.386	0.013	0.001E	0	0	0	08	---	---	22
23	---	---	5.44 E	0.422	0.006	0.001E	0	0	0	08	---	---	23
24	---	---	5.20 E	0.458	0.001E	0.001E	0	0	0	08	---	---	24
25	---	---	4.96 E	0.594	0.001E	0.001E	0	0	0	08	---	---	25
26	---	08	3.93 E	0.885	0.001E	0.110	0	0	0	08	---	---	26
27	---	08	2.45 E	0.836	0.001E	0.104	0	0	0	08	---	---	27
28	---	08	2.20 E	0.801	0.001E	0.038	0	0	0	08	---	---	28
29	---		1.88 E	1.05	0.001E	0.148	0	0	0	08	---	---	29
30	---		1.53 E	0.939	0.001E	0.084	0	0	0	08	---	---	30
31	---		1.87 E		0.001E		0	0		08	---	---	31
TOTAL	---	---	71.663	33.238	3.864	0.787	0.053	0	0	0	---	---	TOTAL
MEAN	---	---	2.31	1.11	0.130	0.025	0.002	0	0	0	---	---	MEAN
MAX	---	---	14.0	3.26	0.595	0.148	0.031	0	0	0	---	---	MAX
MIN	---	---	0	0.368	0.001	0.001	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.448
MAXIMUM DAILY, 14.00 ON MAR 20
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
16.00 AT 13:00 MST ON MAR 20

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 16 35 N
LONG 112 23 10 W
DRAINAGE AREA, 277 km²

E - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4.55
FEB	---	AUG	0
MAR	5 190	SEP	0
APR	3 670	OCT	0
MAY	342	NOV	---
JUN	68.4	DEC	---

TOTAL DISCHARGE, 9 470 dam³

AMISK RIVER AT HIGHWAY NO. 36 - STATION NO. 05AA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0408	1.338	9.70E	2.29	0.598	0.002E	0.001E	0.001E	0 1488	---	1
2	---	---	0 0408	1.358	9 20E	2.14	0 540	0 002E	0.001E	0.004	0 1428	---	2
3	---	---	0.0408	1.508	8.80E	1.95	0 762	0 002E	0 001E	0 004	0 1528	---	3
4	---	---	0 0408	1.708	8.40E	1.77	0.589	0.018	0.001E	0.488	0.1388	---	4
5	---	---	0 0408	2.008	8.10E	1.59	0.378	0 138	0 001E	0.441	0 1058	---	5
6	---	---	0.0408	2.508	7.80E	1.38	0.208	0.023	0.001E	0.306	0.0858	---	6
7	---	---	0 0428	3.008	7 80E	1.31	0.090	0 018	0 001E	0 234	0 0688	---	7
8	---	---	0 0428	3 418	7 60E	1.32	0 038	0 017	0 001E	0 171	---	---	8
9	---	---	0 0438	3 718	7.38E	1.28	0.010E	0.036	0.001E	0.130	---	---	9
10	---	---	0 0438	4 248	7.20E	1.04	0.025	0 009	0 001E	0 113	---	---	10
11	---	---	0.0448	3.158	7.00E	0.937	0.025	0.013	0 001E	0.209	---	---	11
12	---	---	0 0448	2.388	6.80E	0 788	0.002E	0.054	0.001E	0.324	---	---	12
13	---	---	0 0448	2.40E	6.75E	0 712	0 002E	0.132	0 001E	0.215	---	---	13
14	---	---	0 0458	2.578	6.55E	0 880	0.002E	0.202	0.001E	0 180	---	---	14
15	---	---	0 0458	3.738	6.40E	0.586	0.002E	0.100	0 001E	0 117	---	---	15
16	---	---	0.0508	3.80E	6.20E	0.520	0.002	0.058	0.001E	0.200	---	---	16
17	---	---	0 0558	2.80E	6.10E	0.851	0.002E	0.044	0 001E	0.271	---	---	17
18	---	---	0 0608	3.00E	5.90E	0.534	0.002E	0.021	0 001E	0.268	---	---	18
19	---	---	0.0858	4.25E	5.75E	0.456	0.002E	0.010	0 001E	0.316	---	---	19
20	---	---	0 0858	5.50E	5.60E	0.380	0.002E	0 001E	0 001E	0.369	---	---	20
21	---	---	0 1008	5 75E	5.40E	0.254	0.002E	0.001E	0 001E	0.329	---	---	21
22	---	---	0.1308	6.00E	5.38	0.187	0.007	0 001E	0 001E	0 403	---	---	22
23	---	---	0 1608	9.25E	4.68	0.107	0.467	0 001E	0 001E	0 3968	---	---	23
24	---	---	0.2108	10.5	4.25	0.075	0 556	0 001E	0 016	0 3298	---	---	24
25	---	---	0 2408	10.4	3 97	0 775	0.382	0.001E	0 008	0 2778	---	---	25
26	---	---	0 3608	10 3	3 61	0 673	0.313	0 001E	0 042	0 2088	---	---	26
27	---	---	0 3308	10 3	3 19	0 690	0.251	0 001E	0 056	0 1558	---	---	27
28	---	---	0 3808	10 3 E	2 80	0 618	0 214	0 001E	0 039	0 1708	---	---	28
29	---		0 5008	10 2 E	2.75	0 629	0 002E	0 001E	0 025	0 1638	---	---	29
30	---		0 6408	10 0 E	3 47	0.859	0 002E	0 001E	0 004	0 1618	---	---	30
31	---		0 9208		3 29		0 002E	0 001E		0 1618	---	---	31
TOTAL	---	---	4.847	193.82	185 59	27 432	5 306	0.535	0.214	7 394	---	---	TOTAL
MEAN	---	---	0 156	6 06	5 99	0.914	0 186	0 030	0 007	0 239	---	---	MEAN
MAX	---	---	0 820	10.5	9 70	2 30	0 752	0 202	0 056	0 488	---	---	MAX
MIN	---	---	0 040	1.33	3.39	0.187	0.002	0.001	0.001	0 001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.57
MAXIMUM DAILY, 10.5 ON APR 24
MINIMUM DAILY, 0.001E ON AUG 20

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 36 30 N
LONG 112 01 00 W
DRAINAGE AREA, 2 510 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	650
FEB	---	AUG	79 9
MAR	419	SEP	18 5
APR	13 200	OCT	639
MAY	16 000	NOV	---
JUN	2 370	DEC	---

TOTAL DISCHARGE, 33 200 dam³

ANTELOPE COULEE SPILLWAY - STATION NO 05BN010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.108	0.147	0 118	0 183	0.080	0 110	0 001E	---	1
2	---	---	---	---	0.098	0.150	0.118	0 188	0 078A	0.087	0 001E	---	2
3	---	---	---	---	0.095	0.148	0.122	0 198	0.078E	0.068	0 001E	---	3
4	---	---	---	---	0.096	0.141	0.122	0.213	0.078E	0 046	0.001E	---	4
5	---	---	---	---	0.089	0.184	0.127	0.217	0.078E	0.013	---	---	5
6	---	---	---	---	0.088	0.174	0.140	0.213	0.078E	0.008	---	---	6
7	---	---	---	---	0.084	0.184	0.131	0.214	0.078E	0 001E	---	---	7
8	---	---	---	---	0.127	0.181	0.125	0.224	0.078E	0.001E	---	---	8
9	---	---	---	---	0.184	0.172	0.167	0.227	0.078E	0.001E	---	---	9
10	---	---	---	---	0.181	0.144	0.149	0.233	0.078A	0.001E	---	---	10
11	---	---	---	---	0.184	0.134	0.128	0.205	0.077	0.001E	---	---	11
12	---	---	---	---	0.158	0.128	0.143	0 188	0.114	0.001E	---	---	12
13	---	---	---	---	0.133	0.148	0.181	0 178	0.083	0.001E	---	---	13
14	---	---	---	---	0.138	0.131	0.145	0.184	0.071	0.006A	---	---	14
15	---	---	---	---	0.132	0.130	0.148	0.159	0.087	0.006A	---	---	15
16	---	---	---	---	0.130	0.126	0.138	0.133	0.088	0.001E	---	---	16
17	---	---	---	---	0.127	0.158	0.148	0.138	0.088	0.001E	---	---	17
18	---	---	---	---	0.111	0.128	0.138	0.124	0.088	0.001E	---	---	18
19	---	---	---	---	0.084	0.133	0.143	0.118	0.088	0.001E	---	---	19
20	---	---	---	---	0.080	0.137	0.147	0.118	0.087	0.001E	---	---	20
21	---	---	---	---	0.095	0.131	0.158	0.126	0.088	0.001E	---	---	21
22	---	---	---	---	0.153	0.133	0.170	0.110	0.148	0.001E	---	---	22
23	---	---	---	0.081A	0.168	0.127	0.173	0.103	0.083	0.001E	---	---	23
24	---	---	---	0.081	0.162	0.124	0.171	0.101	0.084	0.001E	---	---	24
25	---	---	---	0.188	0.187	0.118	0.178	0.098	0.088	0.001E	---	---	25
26	---	---	---	0.187	0.182	0.118	0.181	0.084	0.384	0.001E	---	---	26
27	---	---	---	0.118	0.158	0.113	0.188	0.083	0.113	0.001E	---	---	27
28	---	---	---	0.107	0.148	0.118	0.184	0.082	0.088	0.001E	---	---	28
29	---		---	0.106	0.188	0.113	0.181	0.086	0.447	0.001E	---	---	29
30	---		---	0.113	0.185	0.117	0.181	0.078	0.884	0.001E	---	---	30
31	---		---		0.182		0.188	0.081		0.001E	---	---	31
TOTAL	---	---	---	---	4.088	4.168	4.718	4.788	3.878	0.338	---	---	TOTAL
MEAN	---	---	---	---	0.131	0.138	0.152	0.152	0.122	0.011	---	---	MEAN
MAX	---	---	---	---	0.188	0.181	0.181	0.227	0.884	0.118	---	---	MAX
MIN	---	---	---	---	0.084	0.113	0.118	0.078	0.088	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.118
MAXIMUM DAILY, 0.884 ON SEP 30
MINIMUM DAILY, 0.001E ON OCT 7

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 37 20 N
LONG 112 00 40 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	487
FEB	---	AUG	488
MAR	---	SEP	317
APR	---	OCT	28.7
MAY	352	NOV	---
JUN	256	DEC	---

TOTAL DISCHARGE, 1 879 dam³

ATHABASCA RIVER ABOVE FLETCHER CHANNEL - STATION NO. 07DD010

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	***	***	***	***	***	210.785	211.024	210.057	***	***	***	***	1
2	***	***	***	***	***	210.803	211.015	210.061	***	***	***	***	2
3	***	***	***	***	***	210.797	210.979	210.054	***	***	***	***	3
4	***	***	***	***	***	210.766	211.008	210.023	***	***	***	***	4
5	***	***	***	***	***	210.701	210.976	209.963	***	***	***	***	5
6	***	***	***	***	***	210.656	210.992	209.938	209.800	***	***	***	6
7	***	***	***	***	***	210.652	210.948	209.924	209.762	***	***	***	7
8	***	***	***	***	***	210.636	210.859	209.915	209.719	209.860	***	***	8
9	***	***	***	***	***	210.583	210.826	209.885	209.699	***	***	***	9
10	***	***	***	***	***	210.556	210.772	209.867	209.657	***	***	***	10
11	***	***	***	***	***	210.582	210.795	209.838	209.624	***	***	***	11
12	***	***	***	***	***	210.617	210.743	209.851	209.632	***	***	***	12
13	***	***	***	***	***	210.632	210.702	209.858	***	***	***	***	13
14	***	***	***	***	***	***	210.682	209.884	***	***	***	***	14
15	***	***	***	***	***	***	210.580	209.872	***	***	***	***	15
16	***	***	***	***	211.855	***	210.482	209.826	***	***	***	***	16
17	***	***	***	***	211.738	***	210.416	209.818	***	***	***	***	17
18	***	***	***	***	211.638	***	210.403	209.813	***	***	***	***	18
19	***	***	***	***	211.514	***	210.377	209.810	***	***	***	***	19
20	***	***	***	***	211.404	***	210.344	***	***	***	***	***	20
21	***	***	***	***	211.300	***	210.302	***	***	***	***	***	21
22	***	***	***	***	211.180	***	210.248	***	***	***	***	***	22
23	***	***	***	***	211.055	***	210.170	***	***	***	***	***	23
24	***	***	***	***	210.931	***	***	***	***	***	***	***	24
25	***	***	***	***	210.830	***	210.110	***	***	***	***	***	25
26	***	***	***	***	210.737	***	210.116	***	***	***	***	***	26
27	***	***	***	***	210.667	210.288	210.072	***	***	***	***	***	27
28	***	***	***	***	210.669	210.376	210.067	***	***	***	***	***	28
29	***		***	***	210.700	210.479	210.067	***	***	***	***	***	29
30	***		***	***	210.722	210.656	210.072	***	***	***	***	***	30
31	***		***		210.740		210.082	***		***		***	31
MEAN	***	***	***	***	***	***	***	***	***	***	***	***	MEAN
MAX	***	***	***	***	***	***	***	***	***	***	***	***	MAX
MIN	***	***	***	***	***	***	***	***	***	***	***	***	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 58 27 00 N
LONG 111 06 00 W

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

NATURAL FLOW

DRAINAGE AREA,
159 000 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

ATHABASCA RIVER ABOVE JACKFISH CREEK - STATION NO. 07DD007

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	209.287	209.449	209.471	209.683	211.383	210.474	210.586	209.676	209.706	209.786	209.670	209.433	1
2	209.284	209.462	209.473	209.698	211.035	210.510	210.542	209.698	209.652	209.774	209.670	209.431	2
3	209.279	209.486	209.480	209.717	210.850	210.488	210.521	209.906	209.703	209.766	209.169	209.418	3
4	209.350	209.480	209.485	209.758	210.818	210.451	210.493	209.869	209.633	209.752	209.218	209.406	4
5	209.381	209.486	209.492	209.787	210.780	210.433	210.501	209.788	209.727	209.736	209.078	209.402	5
6	209.380	209.495	209.498	209.808	210.838	210.436	210.485	209.805	209.643	209.712	209.887	209.408	6
7	209.381	209.501	209.503	209.834	210.861	210.454	210.482	209.780	209.671	209.672	209.780	209.384	7
8	209.386	209.498	209.503	209.858	211.070	210.466	210.464	209.765	209.628	209.602	209.653	209.381	8
9	209.388	209.494	209.500	209.917	211.138	210.413	210.469	209.703	209.612	209.522	209.609	209.375	9
10	209.388	209.491	209.515	209.988	211.188	210.377	210.430	209.885	209.467	209.546	209.511	209.374	10
11	209.372	209.482	209.531	210.013	211.183	210.347	210.347	209.856	209.458	209.577	209.407	209.380	11
12	209.378	209.484	209.539	210.048	211.207	210.327	210.267	209.687	209.473	209.669	209.378	209.385	12
13	209.383	209.488	209.535	210.110	211.193	210.314	210.259	209.682	209.502	209.673	209.382	209.402	13
14	209.386	209.474	209.540	210.138	211.171	210.288	210.229	209.709	209.483	209.630	209.393	209.417	14
15	209.393	209.470	209.547	210.248	211.113	210.271	210.183	209.701	209.437	209.618	209.384	209.418	15
16	209.401	209.488	209.549	210.321	211.080	210.278	210.170	209.681	209.559	209.618	209.338	209.422	16
17	209.406	209.488	209.552	210.356	211.008	210.302	210.134	209.631	209.621	209.605	209.314	209.427	17
18	209.411	209.487	209.550	210.782	210.948	210.163	210.137	209.639	209.528	209.480	209.334	209.427	18
19	209.409	209.488	209.552	210.639	210.885	210.118	210.098	209.639	209.463	209.545	209.330	209.436	19
20	209.423	209.489	209.558	210.844	210.807	210.118	210.083	209.647	209.487	209.508	209.304	209.436	20
21	209.434	209.488	209.589	211.135	210.787	210.108	210.052	209.680	210.103	209.527	209.297	209.432	21
22	209.440	209.478	209.582	211.108	210.710	210.142	210.040	209.689	210.130	209.513	209.278	209.436	22
23	209.444	209.472	209.583	211.028	210.608	210.185	209.958	209.717	210.067	209.524	209.258	209.446	23
24	209.448	209.473	209.590	210.984	210.530	210.185	209.828	209.789	210.017	209.533	209.256	209.448	24
25	209.450	209.474	209.589	211.031	210.458	210.144	209.833	209.851	209.953	209.587	209.288	209.454	25
26	209.450	209.478	209.589	211.073	210.390	210.107	209.810	209.888	210.006	209.582	209.283	209.480	26
27	209.452	209.478	209.587	211.074	210.277	210.085	209.875	209.789	209.908	209.558	209.297	209.483	27
28	209.454	209.488	209.615	211.102	210.261	210.117	209.894	209.750	209.845	209.557	209.308	209.487	28
29	209.453		209.624	211.202	210.412	210.108	209.899	209.783	209.801	209.564	209.353	209.477	29
30	209.447		209.668	211.339	210.427	210.087	209.812	209.808	209.785	209.568	209.408	209.467	30
31	209.445		209.672		210.462		209.833	209.786		209.718		209.468	31
MEAN	209.388	209.477	209.580	210.438	210.842	210.287	210.199	209.744	209.698	209.595	209.408	209.436	MEAN
MAX	209.454	209.501	209.672	211.339	211.383	210.510	210.586	209.906	210.130	209.786	209.670	209.488	MAX
MIN	209.279	209.449	209.471	209.683	210.377	210.085	209.676	209.631	209.437	209.480	209.078	209.374	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MEAN, 209.840
MAXIMUM DAILY, 211.383 ON MAY 1
MINIMUM DAILY, 209.078 ON NOV 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 58 25 00 N
LONG 110 03 00 W

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

NATURAL FLOW

DRAINAGE AREA,
159 000 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

ATHABASCA RIVER AT ATHABASCA - STATION NO. 07BE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	101 B	93.0B	1040	1000	902	805	1 110A	435	413	555	2800	1060	1
2	104 B	92.0B	1040	1050	892	800	1 110	424	398	516	2730	1050	2
3	102 B	91.0B	1050	1700	890	875	1 130	431	397	466	2640	1030	3
4	100 B	91.0B	1060	1750	917	819	1 120	441	387	464	2490	1020	4
5	138 B	90.0B	1070	1800	988	791	1 030	481	370	452A	2300	1020	5
6	135 B	90.0B	1090	1900	995	783	936	480	348	449A	2200	1010	6
7	134 B	90.0B	1120	2000	715	770	885	488	339	442	2100	1010	7
8	132 B	90.0B	1130	2100	704	776	862	487	335	420	2000	1000	8
9	130 B	90.0B	1140	2200	697	753	820A	480	330	400	1900	1000	9
10	128 B	90.0B	1150	2300	618	703	803A	443	305	385	1850	1000	10
11	126 B	90.0B	1160	2450	587	853A	732A	440	372	378	1790	1000	11
12	126 B	91.0B	1170	2700	558	814A	695A	478	367	366	1730	1000	12
13	122 B	92.0B	1180	3000	541	853A	704A	487	334	359	1680	1000	13
14	120 B	93.0B	1190	4450	515	816A	710A	477	348	354	1600	1000	14
15	118 B	92.0B	1200	984	489	685A	681A	463	330	354	1540	1000	15
16	117 B	93.0B	1210	702	463	696A	672A	476	1 070	361	1490	1000	16
17	115 B	93.1B	1230	745	440	539A	615A	521	1 080	384	1440	1000	17
18	114 B	93.3B	1240	754	420	582A	588A	582	1 050	401	1410	1000	18
19	112 B	93.4B	1260	705	401	597A	523A	859	953A	423	1380	1000	19
20	110 B	93.0B	1280	643	391	576A	522A	886	891	436	1350	1000	20
21	103 B	95.0B	1300	509	388	514A	514A	805	823	429	1320	1000	21
22	107 B	97.7B	1320	581	429	484A	514A	583	748	411	1280	1000	22
23	105 B	96.3B	1340	502	542	595A	511A	595	701	382	1260	1000	23
24	104 B	99.0B	1360	485	538	588A	511A	595	670	382	1230	1000	24
25	102 B	99.0B	1380	469	589	716A	511A	818	653	378	1200	1010	25
26	100 B	100 B	1400	465	781	1 330	541A	553	636	384	1170	1010	26
27	98.0B	101 B	1420	456	830	1 450	572A	515	630	340	1150	1010	27
28	97.0B	102 B	1450	491	906	1 350	544A	498	621	335	1120	1020	28
29	96.0B		1490	515	935	1 230A	514A	497	609	300	1100	1020	29
30	95.0B		1520	518	868	1 180A	485A	475	588	301	1080	1020	30
31	94.0B		1550		816		456A	434		2910		1030	31
TOTAL	3 854.0	2 625.5	3 886	12 317	18 555	33 018	21 924	15 897	17 455	12 310	9 032	3 132	TOTAL
MEAN	118	93.6	126	411	598	787	707	508	582	387	169	101	MEAN
MAX	148	102	155	758	938	1 450	1 120	886	1 080	556	280	106	MAX
MIN	94.0	90.0	104	180	388	485	456	424	334	301	109	100	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 382
MAXIMUM DAILY, 1 450 ON JUN 27
MINIMUM DAILY, 90.0B ON FEB 5
MAXIMUM INSTANTANEOUS,
1 530 AT 23:33 MST ON JUN 26

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 43 20 N
LONG 113 17 10 W
DRAINAGE AREA, 76 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	316 000	JUL	1 890 000
FEB	227 000	AUG	1 380 000
MAR	333 000	SEP	1 510 000
APR	1 060 000	OCT	1 060 000
MAY	1 600 000	NOV	435 000
JUN	1 890 000	DEC	271 000

TOTAL DISCHARGE, 12 100 000 dam³

ATHABASCA RIVER AT HINTON - STATION NO. 07AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.0B	39.0B	34.6B	36.0B	36.2	605	611	319	309	152	81.6	37.3B	1
2	44.2B	37.3B	30.7B	35.0B	37.7	380	573	338	184	119	80.0	37.4B	2
3	43.9B	36.8B	30.2B	33.0B	48.7	400	533	352	181	117	76.2	37.0B	3
4	43.9B	36.4B	30.6B	33.1B	61.0	437	508	355	176	115	77.0	41.4B	4
5	41.1B	36.0B	30.7B	30.7B	91.3	438	535	351	181	108	67.0B	45.7B	5
6	34.7B	39.4B	32.4B	30.5	68.3	437	643	339	190	107	67.7B	47.4B	6
7	36.0B	36.4B	33.5B	32.5	62.5	383	614	301	205	108	58.7B	46.0B	7
8	41.8B	31.9B	33.0B	34.6	60.5	380	482	319	175	103	55.7B	47.3B	8
9	41.8B	34.1B	34.3B	36.9	62.5	320	446	330	160	97.7	36.0B	47.0B	9
10	43.4B	35.0B	36.4B	39.4	65.5	380	482	315	158	91.3	34.0B	45.4B	10
11	45.0B	34.3B	35.3B	41.5	65.5	385	484	306	164	92.9	40.0B	44.5B	11
12	44.0B	35.3B	36.6B	46.6	66.2	337	480	372	185	81.6	37.5B	45.3B	12
13	45.5B	34.6B	37.3B	48.4	61.0	388	482	378	338	90.1	42.4B	45.5B	13
14	47.1B	35.5B	36.3B	53.3	58.6	398	485	355	318	86.0	84.9B	45.5B	14
15	46.4B	34.3B	37.1B	53.6	59.6	335	389	307	304	91.3	58.1B	48.7B	15
16	43.5B	33.7B	33.8B	52.5	62.5	381	381	310	251	81.6	56.6B	45.6B	16
17	37.5B	31.4B	37.6B	48.6	74.6	335	384	335	231	82.6	59.5B	46.3B	17
18	34.3B	19.8B	36.2B	47.1	113	285	348	382	219	81.9	56.9B	46.9B	18
19	32.3B	20.7B	37.4B	46.6	188	315	337	380	201	84.4	48.0	47.7B	19
20	33.6B	18.4B	36.2B	42.8	278	385	340	381	191	83.7	46.0	46.0B	20
21	36.6B	18.2B	34.4B	41.4	365	438	353	318	171	86.2	37.5B	46.0B	21
22	36.6B	16.8B	36.4B	39.0	380	380	378	308	188	80.1	38.0B	41.4B	22
23	37.6B	19.3B	37.1B	37.2	442	348	385	378	185	83.1	34.6B	38.0B	23
24	37.6B	26.4B	33.0B	36.9	484	335	384	366	167	80.6	33.6B	37.3B	24
25	37.0B	33.4B	34.6B	36.5	523	316	373	282	148	80.4	33.3B	38.8B	25
26	35.5B	32.7B	33.0B	36.7	545	303	343	298	134	85.9	35.7B	35.4B	26
27	34.9B	40.0B	32.0B	36.3	457	341	330	272	142	84.1	33.9B	34.6B	27
28	34.3B	35.0B	28.7B	37.0	385	402	306	243	137	88.2	36.1B	33.0B	28
29	33.3B		31.6B	37.6	389	471	293	234	126	83.1	37.0B	32.6B	29
30	34.6B		32.3B	36.3	401	537	297	233	125	80.3	36.6B	34.6B	30
31	36.6B		33.3B		434		307	232		80.9		35.0B	31
TOTAL	1 312.2	888.7	917.3	1 196.9	5 382.4	10 612	13 852	9 116	5 586	2 939.0	1 482.7	1 382.8	TOTAL
MEAN	38.1	35.0	35.8	39.8	306	380	415	294	187	94.8	48.8	42.0	MEAN
MAX	47.1	40.0	36.2	53.6	545	537	611	361	318	183	81.6	48.9	MAX
MIN	34.6	18.2	28.2	36.2	36.2	237	293	232	125	80.2	33.3	35.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 149
MAXIMUM DAILY, 611 ON JUL 1
MINIMUM DAILY, 18.2B ON FEB 21
MAXIMUM INSTANTANEOUS,
633 AT 12:45 MST ON JUL 1

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 24 39 N
LONG 117 36 11 W
DRAINAGE AREA, 9 760 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	106 000	JUL	1 110 000
FEB	80 400	AUG	755 000
MAR	79 200	SEP	494 000
APR	103 000	OCT	256 000
MAY	550 000	NOV	128 000
JUN	934 000	DEC	113 000

TOTAL DISCHARGE, 4 710 000 dam³

ATHABASCA RIVER BELOW MCMURRAY - STATION NO. 07DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2070	1800	1670	2400	1 150	1 190	1 480	885	647	772	529	2320	1
2	2050	1800	1670	2550	1 180	1 140	1 360	844	623	758	516	2300	2
3	2040	1790	1670	2590	1 190	1 110	1 340	815	598	739	496	2250	3
4	2030	1780	1660	2620	1 240	1 150	1 340	804	577	705	483	2220	4
5	2020	1780	1660	2630	1 830	1 170	1 350	790	575	681	469	2200	5
6	2010	1780	1660	2740	1 840	1 120	1 320	891	570	653	4950	2170	6
7	2000	1770	1660	2760	1 920	1 070	1 210	898	559	640	4400	2130	7
8	1990	1770	1650	2960	1 920	1 060	1 120	813	541	627	4300	2100	8
9	1980	1760	1650	3100	1 890	1 040	1 080	830	523	617	4150	2060	9
10	1970	1750	1650	3300	1 830	1 040	1 030	831	514	609	4050	2060	10
11	1950	1740	1650	3500	1 740	1 020	1 010	827	512	592	3900	2040	11
12	1950	1740	1640	3700	1 670	977	987	811	516	582	3800	2020	12
13	1940	1730	1640	4200	1 590	927	910	784	540	572	3700	2000	13
14	1930	1730	1630	4950	1 510	882	885	801	541	568	3600	1990	14
15	1930	1720	1640	5700	1 450	848	854	831	521	559	3500	1980	15
16	1920	1720	1640	7000	1 270	808	882	828	512	540	3400	1970	16
17	1910	1710	1650	7700	1 200	772	854	814	550	557	3300	1960	17
18	1900	1710	1670	8000	1 220	746	842	811	1 110	563	3200	1950	18
19	1900	1700	1680	7800	1 140	773	798	836	1 210	577	3100	1940	19
20	1890	1700	1700	7100	1 080	812	740	889	1 170	594	3000	1940	20
21	1880	1700	1720	6500	1 010	829	702	784	1 090	615	2950	1930	21
22	1870	1700	1740	7000	970	835	688	812	1 010	631	2850	1910	22
23	1860	1690	1770	7300	928	808	884	780	951	636	2750	1910	23
24	1850	1690	1800	7800	906	770	877	720	895	627	2700	1910	24
25	1840	1680	1840	8400	836	827	869	714	850	623	2630	1910	25
26	1830	1690	1885	9000	1 010	955	883	708	837	609	2530	1910	26
27	1830	1680	1940	840	1 020	1 010	701	756	812	594	2500	1910	27
28	1820	1690	2008	1 010	1 060	1 850	728	719	788	595	2450	1900	28
29	1820		2080	1 080	1 130	1 720	740	677	788	565	2400	1890	29
30	1810		2160	1 120	1 200	1 820	727	681	783	547	2380	1880	30
31	1810		2280		1 240		700	648		528		1880	31
TOTAL	5 561	4 851	5 440	17 514	41 283	30 707	29 007	26 324	21 723	19 099	10 702	6 256	TOTAL
MEAN	193	173	175	584	1 330	1 020	936	854	724	616	357	202	MEAN
MAX	207	180	239	1 120	1 920	1 720	1 480	912	1 210	772	529	232	MAX
MIN	181	164	164	240	908	746	669	584	512	528	236	186	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 583
MAXIMUM DAILY, 1 920 ON MAY 7
MINIMUM DAILY, 1640 ON MAR 12
MAXIMUM INSTANTANEOUS,
1 940 AT 18 44 MST ON MAY 7

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 46 50 N
LONG 111 24 00 W
DRAINAGE AREA, 133 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	515 000	JUL	2 510 000
FEB	415 000	AUG	1 760 000
MAR	470 000	SEP	1 660 000
APR	1 510 000	OCT	1 650 000
MAY	3 570 000	NOV	925 000
JUN	2 650 000	DEC	541 000

TOTAL DISCHARGE, 18 400 000 dam³

ATHABASCA RIVER NEAR JASPER - STATION NO. 07AA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.40	10.80	11.1 E	9.61	10.2	188	293	222	88.6	48.2	27.3	8.508	1
2	10.20	10.80	10.8 E	10.9	11.6	203	282	231	82.3	45.6	26.7	8.608	2
3	10.30	10.30	10.8 E	10.9	17.5	220	278	233	85.9	45.2	26.3	8.708	3
4	10.30	10.20	10.8 E	10.3	25.0	223	266	248	80.5	42.4	25.6	9.208	4
5	10.30	10.30	10.5 E	9.77	21.4	216	303	221	82.7	42.0	22.5	10.0 E	5
6	10.20	10.30	10.4 E	9.63	19.2	190	293	183	101	40.5	24.0	11.5 E	6
7	10.10	10.40	10.2 E	9.82	18.5	170	261	186	81.7	38.1	21.8 E	12.0 E	7
8	10.00	10.40	10.2 E	10.6	19.6	163	255	198	71.4	34.1	17.0 E	11.5 E	8
9	10.00	10.30	10.1 E	11.8	21.0	138	270	188	67.8	36.5	13.2 E	11.2 E	9
10	10.00	10.30	9.958	12.9	21.3	120	286	182	69.6	35.8	11.2 E	11.6 E	10
11	10.70	10.30	9.808	14.5	20.2	110	294	138	76.9	35.7	11.4 E	12.4 E	11
12	10.70	10.30	9.732	16.0	18.6	120	274	139	88.4	34.8	11.7 E	13.2 E	12
13	10.70	10.40	9.858	17.0	17.7	144	232	122	134	33.6	12.3 E	14.2 E	13
14	10.60	10.60	9.832	18.6	17.7	161	199	117	125	34.0	13.4 E	14.9 E	14
15	10.60	10.70	9.728	18.7	19.1	186	203	141	105	34.8	13.5 E	15.6 E	15
16	10.70	10.80	9.678	15.3	23.1	182	202	127	96.4	40.5	12.5 E	15.9 E	16
17	10.80	10.80	9.862	14.5	28.2	135	199	123	91.7	40.4	12.1 E	15.6 E	17
18	10.30	10.80	10.1 E	13.6	25.9	145	193	129	82.2	35.6	11.6 E	14.4 E	18
19	10.70	10.80	10.1 E	12.5	122	203	192	138	78.8	35.1	11.4 E	13.7 E	19
20	10.80	10.80	10.0 E	11.6	185	248	209	182	71.0	33.3	11.1 E	12.8 E	20
21	10.30	11.00	9.932	11.1	190	206	232	147	66.2	36.0	10.8 E	12.2 E	21
22	10.20	11.00	9.882	10.7	216	172	252	128	66.6	35.0	10.7 E	11.9 E	22
23	10.10	11.10	9.458	10.6	248	150	236	124	69.7	34.1	10.5 E	11.3 E	23
24	10.00	11.10	9.158	10.5	287	137	228	146	67.5	33.0	10.3 E	11.1 E	24
25	11.00	11.10	8.802	10.4	298	137	202	183	65.0	31.8	10.1 E	10.7 E	25
26	11.70	11.10	8.782	10.2	263	132	188	142	64.3	28.8	10.0 E	9.778	26
27	11.60	11.10	8.854	10.3	183	156	182	128	64.3	30.6	9.808	9.308	27
28	11.80	11.30	8.86	10.2	173	201	170	123	60.7	31.7	9.358	9.408	28
29	11.60		8.77	10.2	300	238	178	126	48.8	27.5	8.958	9.958	29
30	11.20		8.84	9.64	221	303	180	127	47.8	28.8	8.808	10.5 E	30
31	11.10		8.60		208		203	111		29.0		10.5 E	31
TOTAL	404.8	288.3	302.93	381.27	3 163.8	5 277	7 268	4 837	2 358.3	1 117.7	438.80	383.88	TOTAL
MEAN	13.1	10.7	9.77	12.0	102	176	235	156	78.6	36.1	14.5	11.7	MEAN
MAX	16.6	11.3	11.1	18.6	298	303	303	248	134	46.2	27.3	15.8	MAX
MIN	11.1	10.2	8.86	9.61	10.2	110	170	111	47.8	27.5	8.80	8.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 71.6
MAXIMUM DAILY, 303 ON JUN 30
MINIMUM DAILY, 8.500 ON DEC 1
MAXIMUM INSTANTANEOUS,
327 AT 12:05 MST ON JUN 30

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 54 35 N
LONG 118 03 25 W
DRAINAGE AREA, 2 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	25 000	JUL	630 000
FEB	25 000	AUG	418 000
MAR	26 200	SEP	284 000
APR	31 200	OCT	96 000
MAY	272 000	NOV	37 000
JUN	456 000	DEC	31 400

TOTAL DISCHARGE, 2 280 000 dam³

ATHABASCA RIVER NEAR OLD FORT - STATION NO. 07DD011

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	211.187	211.074	211.318	---	212.966	213.591	211.803	211.672	211.978	211.468	211.503	1
2	---	211.186	211.078	211.382	---	213.015	213.401	211.744	211.643	211.956	211.462	211.411	2
3	211.135	211.174	211.079	211.437	---	212.946	213.197	211.685	211.636	211.931	211.543	211.328	3
4	211.135	211.167	211.077	211.524	---	212.836	213.052	211.596	211.594	211.907	211.878	211.268	4
5	211.137	211.162	211.075	211.585	---	212.776	213.006	211.505	211.519	211.868	213.138	211.211	5
6	211.142	211.161	211.080	211.626	---	212.803	212.992	211.446	211.463	211.788	212.336	211.170	6
7	211.151	211.175	211.082	211.672	214.738	212.827	212.987	211.405	211.419	211.727	212.062	211.134	7
8	211.161	211.158	211.085	211.705	---	212.750	212.933	211.367	211.393	211.682	212.027	211.100	8
9	211.153	211.145	211.093	211.842	---	212.657	212.796	211.382	211.371	211.610	211.897	211.078	9
10	211.154	211.139	211.100	212.045	---	212.595	212.655	211.415	211.338	211.587	211.855	211.077	10
11	211.154	211.134	211.105	212.065	---	212.591	212.556	211.484	211.375	211.539	211.529	211.087	11
12	211.154	211.130	211.107	212.199	---	212.586	212.501	211.488	211.334	211.519	211.563	211.087	12
13	211.161	211.126	211.113	212.362	---	212.599	212.456	211.488	211.221	211.485	211.589	211.113	13
14	211.163	211.122	211.116	212.520	---	213.486	212.390	211.477	211.226	211.453	211.574	211.111	14
15	211.164	211.118	211.123	212.663	214.228	212.422	212.276	211.417	211.271	211.429	211.508	211.087	15
16	211.170	211.112	211.126	212.673	214.088	212.381	212.172	211.414	211.333	211.419	211.490	211.071	16
17	211.178	211.108	211.127	213.436	213.890	212.283	212.133	211.491	211.314	211.398	211.394	211.065	17
18	211.170	211.102	211.124	213.581	213.710	212.183	212.132	211.511	211.274	211.383	211.393	211.050	18
19	211.170	211.095	211.120	213.742	213.524	212.070	212.123	211.480	211.333	211.387	211.333	211.042	19
20	211.170	211.089	211.127	---	213.339	211.982	212.088	211.484	212.199	211.389	211.289	211.045	20
21	211.170	211.084	211.138	---	213.160	211.871	211.992	211.514	212.664	211.430	211.234	211.061	21
22	211.173	211.078	211.145	---	212.986	212.046	211.874	211.629	212.858	211.466	211.148	211.085	22
23	211.177	211.075	211.152	---	212.854	212.095	211.779	211.766	212.959	211.526	211.075	211.063	23
24	211.180	211.069	211.156	---	212.730	212.128	211.734	211.920	212.650	211.578	211.105	211.088	24
25	211.180	211.062	211.162	---	212.626	212.084	211.703	211.911	212.369	211.608	211.305	211.084	25
26	211.180	211.056	211.165	---	212.950	212.016	211.688	211.833	212.242	211.601	211.312	211.083	26
27	211.183	211.063	211.175	---	212.946	212.101	211.673	211.778	212.147	211.589	211.330	211.083	27
28	211.188	211.071	211.189	---	212.889	212.353	211.589	211.785	212.091	211.556	211.379	211.090	28
29	211.188		211.229	---	212.732	212.655	211.711	211.811	212.048	211.526	211.475	211.099	29
30	211.174		211.265	---	212.809	213.378	211.785	211.835	212.003	211.506	211.532	211.105	30
31	211.168		211.293		212.863		211.811	211.749		211.468		211.111	31
MEAN	---	211.130	211.132	---	---	212.678	212.268	211.599	211.731	211.589	211.526	211.127	MEAN
MAX	---	211.187	211.293	---	---	213.378	213.641	211.920	212.664	211.978	212.334	211.503	MAX
MIN	---	211.058	211.074	---	---	211.982	211.673	211.382	211.221	211.383	211.075	211.042	MIN

WATER LEVELS IN METRES

MINIMUM DAILY, 211.042 ON DEC 19

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 22 36 N
LONG 111 31 18 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

NATURAL FLOW

DRAINAGE AREA,
159 000 km²

ATHABASCA RIVER NEAR WINDFALL - STATION NO. 07AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	52.0B	46.5B	100	514	713	338	281	228	1310	---	1
2	---	---	48.0B	53.0B	103	478	749	350	244	221	1228	---	2
3	---	---	48.0B	50.0B	120	485	685	383	236	213	1210	---	3
4	---	---	49.5B	46.0B	159	489	634	382	210	205	1170	---	4
5	---	---	48.5B	44.0B	173	495	623	383	208	200	1130	---	5
6	---	---	50.0B	46.5B	171	499	633	387	212	189	1080	---	6
7	---	---	52.0B	54.0B	158	481	639	388	223	187	---	---	7
8	---	---	52.5B	63.0B	143	439	691	347	245	185	---	---	8
9	---	---	53.0B	70.0B	135	408	636	388	229	174	---	---	9
10	---	---	53.0B	78.0B	131	376	626	376	210	170	---	---	10
11	---	---	54.5B	85.0B	139	338	640	357	204A	188	---	---	11
12	---	---	57.0B	84.0B	137	303	667	342	200E	173	---	---	12
13	---	---	59.5B	101 B	131	289	662	333	320E	171	---	---	13
14	---	---	63.0B	106 B	114	317	623	340	390E	183	---	---	14
15	---	---	66.0B	113 B	107	388	654	350	490E	188	---	---	15
16	---	---	66.5B	113 B	106	387	605	362	430E	198	---	---	16
17	---	---	66.0B	111 B	103A	387	588	388	388A	201	---	---	17
18	---	---	64.5B	106 B	128E	388	589	380	372	198	---	---	18
19	---	---	62.0B	107 B	180E	321	587	364	357	188	---	---	19
20	---	---	59.0B	106 B	231A	366	583	324	332	178	---	---	20
21	---	---	54.0B	104 E	328	450	582	368	316	169	---	---	21
22	---	---	55.5B	104 B	381	483	583	372	302	169	---	---	22
23	---	---	57.5B	103 B	428	462	618	356	287	167	---	---	23
24	---	---	60.0B	102 B	503	421	639	323	283	156	---	---	24
25	---	---	53.0B	102 E	581A	787	631	388	273	150	---	---	25
26	---	---	48.0B	102 E	653A	689	604	316	273	143	---	---	26
27	---	---	41.5B	101	641	648	573	330	267	136	---	---	27
28	---	---	41.0B	100	638	643	589	303	270	137	---	---	28
29	---		40.7B	100	687	692	562	277	288	134	---	---	29
30	---		41.0B	98.3	683	648	584	287	237	136	---	---	30
31	---		44.0B		810		557	284		137	---	---	31
TOTAL	---	---	1 641.8	2 817.3	6 237	13 741	19 138	10 037	8 878	5 439	---	---	TOTAL
MEAN	---	---	53.0	87.2	288	486	488	343	358	178	---	---	MEAN
MAX	---	---	66.5	113	653	787	749	388	490	336	---	---	MAX
MIN	---	---	40.7	44.0	100	388	384	284	284	137	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 288
MAXIMUM DAILY, 787 ON JUN 25
MINIMUM DAILY, 40.70 ON MAR 26
MAXIMUM INSTANTANEOUS,
784 AT 09:15 MST ON JUN 25

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 12 35 N
LONG 118 03 45 W
DRAINAGE AREA, 19 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 910 000
FEB	---	AUG	918 000
MAR	142 000	SEP	741 000
APR	236 000	OCT	470 000
MAY	712 000	NOV	---
JUN	1 190 000	DEC	---

TOTAL DISCHARGE, 6 119 000 dam³

ATIM CREEK NEAR SPRUCE GROVE - STATION NO. 05EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.15	0.455	0.118	0.152	0.105	0.277	0.191	---	---	1
2	---	---	0 B	2.13	0.439	0.134	0.135	0.094	0.265	0.204	---	---	2
3	---	---	0 B	1.66	0.451	0.173	0.113	0.092	0.182	0.195	---	---	3
4	---	---	0 B	1.08	0.426	0.177	0.106	0.102	0.006	0.226	---	---	4
5	---	---	0 B	0.874	0.374	0.158	0.097	0.109	0.013	0.302	---	---	5
6	---	---	0 B	0.826	0.333	0.136	0.111	0.065	0.003	0.311	---	---	6
7	---	---	0 B	0.756	0.305	0.189	0.116	0.102	0.008	0.321	---	---	7
8	---	---	0 B	0.731	0.292	0.151	0.068	0.069	0.023	0.324	---	---	8
9	---	---	0 B	0.716	0.307	0.135	0.064	0	0.041	0.354	---	---	9
10	---	---	0 B	0.695	0.265	0.145	0.084	0.059	0.057	0.389	---	---	10
11	---	---	0.0309	0.663	0.237	0.154	0.126	0.107	0.104	0.323	---	---	11
12	---	---	0.0308	0.673	0.231	0.121	0.080	0.136	0.108	0.331	---	---	12
13	---	---	0.0298	0.656	0.235	0.128	0.082	0.131	0.184	0.370	---	---	13
14	---	---	0.0408	0.598	0.188	0.128	0.102	0.127	0.140	0.382	---	---	14
15	---	---	0.0398	0.682	0.143	0.134	0.139	0.103	0.119	0.384	---	---	15
16	---	---	0.2288	0.612	0.138	0.127	0.154	0.101	0.133	0.377	---	---	16
17	---	---	0.6488	0.633	0.152	0.106	0.200	0.138	0.144	0.387	---	---	17
18	---	---	0.6438	0.602	0.198	0.100	0.187	0.118	0.137	0.381	---	---	18
19	---	---	0.8538	0.827	0.281	0.154	0.187	0.122	0.136	0.238	---	---	19
20	---	---	0.6848	0.738	0.284	0.213	0.174	0.098	0.138	0.237	---	---	20
21	---	---	0.5878	0.682	0.348	0.250	0.185	0.095	0.139	0.224	---	---	21
22	---	---	0.4898	0.713	0.397	0.392	0.183	0.139	0.168	0.208	---	---	22
23	---	---	0.3838	0.841	0.428	0.431	0.088	0.185	0.130	0.195	---	---	23
24	---	---	0.2968	1.02	0.481	1.33	0.045	0.146	0.129	0.189	---	---	24
25	---	---	0.4858	1.02	0.586	0.889	0.121	0.288	0.433	0.182	---	---	25
26	---	---	0.8138	0.917	0.573	0.381	0.078	0.234	0.148	0.178	---	---	26
27	---	---	0.8618	0.848	0.638	0.258	0.041	0.289	0.154	0.172	---	---	27
28	---	---	0.6108	0.734	0.713	0.226	0.150	0.181	0.046	0.161	---	---	28
29	---		0.5268	0.671	0.635	0.180	0.080	0.083	0.080	0.151	---	---	29
30	---		1.14 B	0.583	0.566	0.174	0.087	0.084	0.150	0.140	---	---	30
31	---		1.75 B		0.183		0.060	0.229		0.1248		---	31
TOTAL	---	---	10.304	26.394	10.787	7.358	3.377	3.947	3.448	7.347	---	---	TOTAL
MEAN	---	---	0.329	0.848	0.347	0.245	0.108	0.127	0.115	0.237	---	---	MEAN
MAX	---	---	1.75	2.15	0.713	1.33	0.300	0.289	0.285	0.389	---	---	MAX
MIN	---	---	0	0.412	0.138	0.100	0.060	0	0.003	0.134	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.288
MAXIMUM DAILY, 2.15 ON APR 1
MINIMUM DAILY, 0 ON AUG 9
MAXIMUM INSTANTANEOUS,
2.82 AT 21:21 MST ON MAR 31

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 20 N
LONG 113 55 00 W
DRAINAGE AREA, 315 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	252
FEB	---	AUG	361
MAR	682	SEP	298
APR	2 190	OCT	635
MAY	930	NOV	---
JUN	638	DEC	---

TOTAL DISCHARGE, 5 330 dam³

ATIMOSWE CREEK NEAR ELK POINT - STATION NO. 05EB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0028	0.4008	0.807	0.040	0.035	0.483	0.001	0.015E	0.0598	---	1
2	---	---	0.0028	1.10 B	0.729	0.035	0.034	0.243	0.001	0.015E	0.0388	---	2
3	---	---	0.0028	3.22 B	0.705	0.040	0.032	0.107	0.001	0.014E	0.0308	---	3
4	---	---	0.0028	2.85 B	0.678	0.040	0.029	0.191	0.001	0.017E	0.0638	---	4
5	---	---	0.0038	3.16 A	0.637	0.037	0.026	0.391	0.001	0.016E	0.0908	---	5
6	---	---	0.0088	3.85	0.581	0.038	0.031	0.333	0.001	0.018E	0.0848	---	6
7	---	---	0.0088	3.85	0.570	0.040	0.018	0.312	0.001	0.020E	0.0908	---	7
8	---	---	0.0108	3.01 A	0.555	0.048	0.018	0.088	0.001	0.022E	---	---	8
9	---	---	0.0138	2.60 E	0.521A	0.051	0.013	0.134	0.001	0.028A	---	---	9
10	---	---	0.0148	2.30 E	0.527E	0.051	0.008	0.332	0.001A	0.051	---	---	10
11	---	---	0.0188	2.00 E	0.500E	0.051	0.008	0.438	0.001E	0.088	---	---	11
12	---	---	0.0198	1.70 E	0.473E	0.058	0.008	0.285	0.001E	0.034	---	---	12
13	---	---	0.0208	1.53 E	0.448E	0.088	0.021	0.147	0.001E	0.015	---	---	13
14	---	---	0.0228	1.40 E	0.417E	0.088	0.021	0.083	0.001E	0.009	---	---	14
15	---	---	0.0238	1.35 E	0.390E	0.100	0.033	0.038	0.001E	0.048	---	---	15
16	---	---	0.0248	1.18 E	0.363E	0.082	0.033	0.038	0.001E	0.128	---	---	16
17	---	---	0.0258	1.13 A	0.336E	0.077	0.072	0.008	0.000E	0.064	---	---	17
18	---	---	0.0268	1.05	0.390E	0.068	0.087	0.002	0.020E	0.040	---	---	18
19	---	---	0.0308	0.868	0.361E	0.052	0.052	0.038	0.030E	0.039	---	---	19
20	---	---	0.0318	0.883	0.356E	0.048	0.038	0.038	0.048E	0.020	---	---	20
21	---	---	0.0308	0.777	0.226E	0.048	0.041	0.003	0.073E	0.073	---	---	21
22	---	---	0.0288	0.635	0.199E	0.078	0.043	0.001	0.074E	0.078	---	---	22
23	---	---	0.0418	0.634	0.171E	0.078	0.031	0.001	0.040E	0.082	---	---	23
24	---	---	0.0438	0.670	0.144E	0.082	0.139	0.001	0.033E	0.074	---	---	24
25	---	---	0.0488	0.735	0.117E	0.084	0.038	0.001	0.038E	0.085	---	---	25
26	---	---	0.0408	0.608	0.088E	0.088	0.148	0.001	0.038E	0.035	---	---	26
27	---	---	0.0478	0.783	0.078A	0.088	0.176	0.001	0.023E	0.018	---	---	27
28	---	---	0.0608	0.788	0.082	0.073	0.188	0.001	0.021E	0.014	---	---	28
29	---		0.0998	0.788	0.047	0.081	0.231	0.001	0.019E	0.1368	---	---	29
30	---		0.1008	0.783	0.031	0.048	0.323	0.001	0.018E	0.1088	---	---	30
31	---		0.1898		0.066		0.381	0.001		0.1028		---	31
TOTAL	---	---	1.049	48.863	11.367	1.778	3.348	3.538	0.678	1.478	---	---	TOTAL
MEAN	---	---	0.035	1.62	0.384	0.068	0.078	0.114	0.018	0.048	---	---	MEAN
MAX	---	---	0.190	3.85	0.807	0.100	0.381	0.483	0.078	0.128	---	---	MAX
MIN	---	---	0.002	0.868	0.031	0.037	0.008	0.001	0.001	0.009	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.270
MAXIMUM DAILY, 3.85 ON APR 6
MINIMUM DAILY, 0.001 ON AUG 22
MAXIMUM INSTANTANEOUS,
5.05 AT 19:21 MST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 53 10 N
LONG 110 55 10 W
DRAINAGE AREA, 384 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	393
FEB	---	AUG	369
MAR	90.5	SEP	41.1
APR	3 830	OCT	128
MAY	975	NOV	---
JUN	193	DEC	---

TOTAL DISCHARGE, 5 830 dam³

ATLAS MINE COULEE AT WESTERN MONARCH - STATION NO. 05CG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.497	0.025	0.002	0	0	0	0.001	0.0018	---	1
2	---	---	0.0028	0.260	0.018	0.001	0	0	0	0.001	0.0018	---	2
3	---	---	0.0028	0.176	0.012	0.001	0	0	0	0.001	0.0018	---	3
4	---	---	0.0028	0.131	0.007	0.001	0	0	0.001	0.001	---	---	4
5	---	---	0.0028	0.093	0.003	0.001	0	0	0.001	0.001	---	---	5
6	---	---	0.0028	0.064	0.002A	0.001	0	0	0.001	0.001	---	---	6
7	---	---	0.0028	0.038	0.002E	0	0	0	0.001	0.001	---	---	7
8	---	---	0.0038	0.020	0.0018	0	0	0.038	0.001	0.001	---	---	8
9	---	---	0.0138	0.023	0.0018	0	0	0.005	0.001	0.001	---	---	9
10	---	---	0.0388	0.031	0.0018	0	0	0.005	0.001	0.001	---	---	10
11	---	---	0.0328	0.037	0.130E	0	0	0.001	0.001	0.001	---	---	11
12	---	---	0.0328	0.030	0.230E	0	0	0.001	0.100	0.001	---	---	12
13	---	---	0.1358	0.024	0.030E	0	0.003	0.002	0.005	0.001	---	---	13
14	---	---	0.2388	0.022	0.005E	0	0	0.001	0.001	0.001	---	---	14
15	---	---	0.9488	0.020	0.003E	0	0	0.011	0.001	0.009	---	---	15
16	---	---	0.5978	0.011	0.001E	0	0	0.002	0.001	0.006	---	---	16
17	---	---	0.5178	0.008	0.001E	0	0.005	0.001	0.001	0.002	---	---	17
18	---	---	0.4588	0.008	0.001E	0	0.001	0.001	0.001	0.001	---	---	18
19	---	---	0.3988	0.017	0.001E	0	0	0.001	0.001	0.001	---	---	19
20	---	---	0.3278	0.042	0.001E	0	0	0.014	0.001	0.001	---	---	20
21	---	---	0.1488	0.050	0.001E	0	0	0.095	0.001	0.001	---	---	21
22	---	---	0.1168	0.051	0.001A	0	0	0.044	0.001	0.001	---	---	22
23	---	---	0.0878	0.045	0.002	0	0.001	0.002	0.001	0.001	---	---	23
24	---	---	0.1108	0.092	0.003	0	0	0.001	0.002	0.0018	---	---	24
25	---	0.0018	0.1038	0.113	0.006	0	0	0	0.001	0.0018	---	---	25
26	---	0 E	0.0858	0.137	0.012	0	0	0	0.001	0.0018	---	---	26
27	---	0 E	0.0588	0.112	0.013	0	0	0	0.001	0.0028	---	---	27
28	---	0.0018	0.027	0.077	0.016	0	0	0	0.001	0.0018	---	---	28
29	---		0.033	0.049	0.022A	0	0	0	0.001	0.0018	---	---	29
30	---		0.042	0.033	0.005	0	0.001	0	0.001	0.0018	---	---	30
31	---		0.198		0.003		0	0		0.0018		---	31
TOTAL	---	---	4.227	2.358	0.556	0.007	0.026	0.225	0.132	0.044	---	---	TOTAL
MEAN	---	---	0.136	0.078	0.018	0	0.001	0.007	0.004	0.001	---	---	MEAN
MAX	---	---	0.597	0.497	0.230	0.002	0.005	0.095	0.100	0.009	---	---	MAX
MIN	---	---	0.001	0.008	0.001	0	0	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.031
MAXIMUM DAILY, 0.5978 ON MAR 16
MINIMUM DAILY, 0 ON JUN 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 19 40 N
LONG 113 26 40 W
DRAINAGE AREA, 52.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2.25
FEB	---	AUG	19.4
MAR	385	SEP	11.4
APR	204	OCT	3.80
MAY	48.2	NOV	---
JUN	0.60	DEC	---

TOTAL DISCHARGE, 855 dam³

BARRETTE CREEK NEAR COLINTON - STATION NO. 07CA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.29 B	1.06	0.031	0.004	0.001	0	0.001	---	---	1
2	---	---	0 B	2.16 B	0.894	0.046	0.006	0.001	0	0.001	---	---	2
3	---	---	0 B	2.40 B	1.01	0.031	0.005	0.001	0	0.001	---	---	3
4	---	---	0 B	2.97 B	1.05	0.015	0.006	0.001	0	0.001	---	---	4
5	---	---	0 B	3.45 B	1.02	0.013	0.004	0.001	0.001	0.001	---	---	5
6	---	---	0 B	3.72 B	0.944	0.008	0.004	0	0.001	0.001	---	---	6
7	---	---	0 B	3.66 B	0.873	0.009	0.003	0	0.001	0.001	---	---	7
8	---	---	0 B	3.82 B	0.819	0.010	0.003	0	0.001	0.001	---	---	8
9	---	---	0.0028	3.67	0.781	0.008	0.002	0	0	0.001	---	---	9
10	---	---	0.0028	3.47	0.898	0.007	0.002	0	0	0.002	---	---	10
11	---	---	0.0028	3.31	0.586	0.006	0.002	0	0	0.001	---	---	11
12	---	---	0.0028	3.08	0.648	0.005	0.002	0	0	0.001	---	---	12
13	---	---	0.0028	1.88	0.572	0.006	0.003	0	0.001	0.001	---	---	13
14	---	---	0.0028	1.88	0.558	0.005	0.002	0	0.001	0.001	---	---	14
15	---	---	0.0028	1.61	0.388	0.004A	0.002	0	0.001	0.001	---	---	15
16	---	---	0.0038	1.30	0.306	0.004E	0.001	0	0.001	0.001	---	---	16
17	---	---	0.0048	1.18	0.315	0.004E	0.001	0	0.001	0.002	---	---	17
18	---	---	0.0058	1.21	0.442	0.003E	0.001	0	0.001	0.001	---	---	18
19	---	---	0.0108	1.16	0.345	0.003E	0.001	0	0.001	0.001	---	---	19
20	---	---	0.0208	0.884	0.349	0.002E	0.001	0	0.001	0.001	---	---	20
21	---	---	0.0408	0.782	0.378	0.002E	0.001	0	0.001	0.001	---	---	21
22	---	---	0.0508	1.05	0.277	0.001E	0.001	0	0.001	0.001	---	---	22
23	---	---	0.0508	1.17	0.198	0.001A	0.001	0	0.001	0.001	---	---	23
24	---	---	0.0458	1.21	0.180	0.000	0.001	0	0.001	0.001	---	---	24
25	---	---	0.0408	1.40	0.138	0.007	0.001	0	0.001	0.001	---	---	25
26	---	---	0.0408	1.81	0.131	0.019	0.002	0	0.001	0.001	---	---	26
27	---	---	0.0408	1.58	0.113	0.018	0.002	0	0.001	0.0018	---	---	27
28	---	---	0.0408	1.58	0.078	0.018	0.001	0	0.001	0.0018	---	---	28
29	---		0.0458	1.40	0.071	0.014	0.001	0	0.001	0.0018	---	---	29
30	---		0.1008	1.21	0.078	0.010	0.001	0	0.001	0.0018	---	---	30
31	---		0.5008		0.080		0.001	0		0.0018		---	31
TOTAL	---	---	1.048	53.226	15.475	0.381	0.059	0.006	0.032	0.033	---	---	TOTAL
MEAN	---	---	0.034	1.77	0.499	0.013	0.002	0	0.001	0.001	---	---	MEAN
MAX	---	---	0.500	3.82	1.06	0.061	0.006	0.001	0.001	0.002	---	---	MAX
MIN	---	---	0	0.782	0.071	0.001	0.001	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.287
MAXIMUM DAILY, 3.978 ON APR 4
MINIMUM DAILY, 00 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 32 10 N
LONG 113 04 45 W
DRAINAGE AREA, 232 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5.96
FEB	---	AUG	9.43
MAR	36.4	SEP	1.09
APR	4 000	OCT	3.06
MAY	1 340	NOV	---
JUN	96.3	DEC	---

TOTAL DISCHARGE, 5 970 dam³

BAPTISTE LAKE NEAR ATHABASCA - STATION NO. 07BE002

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	578.128	577.983	577.818	577.748	577.679	577.859	---	---	1
2	---	---	---	---	578.145	577.953	577.818	577.744	577.676	577.869	---	---	2
3	---	---	---	578.019	578.145	577.945	577.813	577.744	577.672	577.859E	---	---	3
4	---	---	---	---	578.145E	577.917	577.811	577.716	577.672	577.589	---	---	4
5	---	---	---	---	578.145E	577.911	577.811	577.716	577.869	577.659	---	---	5
6	---	---	---	---	578.145	577.906	577.806	577.704	577.884	577.659	---	---	6
7	---	---	577.910	---	578.135	577.901	577.808	577.704	577.889	577.884	---	---	7
8	---	---	---	---	578.135E	577.895E	577.806	577.716	577.884	577.884	---	---	8
9	---	---	---	578.063	578.135	577.889	577.803	577.716	577.884	577.884	---	---	9
10	---	---	---	---	578.132E	577.876	577.799	577.704	577.884	577.884	---	---	10
11	---	---	---	---	578.130	577.873	577.801	577.704	577.884	577.884	---	---	11
12	---	---	---	---	578.127	577.885	577.799	577.714	577.859	577.853E	---	---	12
13	---	---	---	---	578.128	577.861	577.795	577.704	577.884	577.851	---	---	13
14	---	---	---	---	578.125	577.857	577.792	577.704	577.884	577.851	---	---	14
15	---	---	---	---	578.130	577.848E	577.788	577.709	577.871	577.849	---	---	15
16	---	---	---	---	578.130	577.840E	577.785	577.704	577.848E	577.849	---	---	16
17	---	---	---	---	578.115	577.831	577.782	577.709	577.888	577.854	---	---	17
18	---	---	---	---	578.113	577.825	577.780	577.704	577.884	577.854	---	---	18
19	---	---	---	---	578.108	577.821	577.778	577.699	577.861	577.854	---	---	19
20	---	---	---	---	578.085	577.818	577.770	577.704	577.859	577.854	---	---	20
21	---	---	---	---	578.085	577.811	577.765	577.699	577.843E	577.854	---	---	21
22	---	---	---	---	578.082	577.807	577.762	577.699	577.888	577.854	---	---	22
23	---	---	---	---	578.088	577.803	577.758	577.699	577.884	577.854	---	---	23
24	---	---	---	578.135	578.080	577.825	577.755	577.694	577.884	577.854	---	---	24
25	---	---	---	---	578.040	577.830	577.763	577.693E	577.859	577.854	---	---	25
26	---	---	---	---	578.024	577.833	577.763	577.699	577.882	577.854	---	---	26
27	---	---	---	---	578.008	577.833	577.765	577.699	577.882	577.854	---	---	27
28	---	---	---	---	577.985	577.813	577.765	577.694	577.882	577.854	---	---	28
29	---		---	---	577.982	577.813	577.760	577.694	577.859	577.853	---	---	29
30	---		---	---	577.975	577.818	577.752	577.694	577.859	577.854	---	---	30
31	---		---		577.970		577.748	577.694		577.854	---	---	31
MEAN	---	---	---	---	578.090	577.886	577.785	577.705	577.886	577.854	---	---	MEAN
MAX	---	---	---	---	578.148	577.953	577.818	577.748	577.889	577.859	---	---	MAX
MIN	---	---	---	---	577.970	577.803	577.748	577.694	577.859	577.849	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 44 14 N
LONG 113 31 51 W

E - ESTIMATED

DRAINAGE AREA, 303 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

BAPTISTE RIVER NEAR THE MOUTH - STATION NO. 05DC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6548	0.6498	0.5128	1.328	5.21	12.8	4.33	1.21	3.44	9.25	4.748	1.788	1
2	0.6548	0.6438	0.5085	1.578	5.27	11.4	3.71	1.18	3.44	8.80	4.638	1.888	2
3	0.6548	0.6378	0.5048	2.678	5.83	9.83	3.24	1.12	3.52	8.70	4.488	1.848	3
4	0.6548	0.6318	0.5008	3.718	6.75	8.33	2.78	1.06	3.88	8.33	4.358	1.598	4
5	0.6548	0.6258	0.5008	4.358	7.01	7.80	2.40	1.11	3.88	7.98	4.248	1.698	5
6	0.6548	0.6198	0.5008	4.258	6.19	6.72	2.23	1.25	3.84	7.89	4.138	1.518	6
7	0.6548	0.6138	0.5008	4.308	5.45	5.84	2.02	1.23	4.93	7.40	4.038	1.488	7
8	0.6548	0.6078	0.5048	4.298	4.67	5.46	1.87	1.30	5.43	7.20	3.908	1.458	8
9	0.6548	0.6008	0.5088	4.488	4.52	5.22	1.68	1.77	5.75	6.88	3.788	1.438	9
10	0.6548	0.5948	0.5208	4.958	4.27	5.39	1.54	2.53	5.40	6.97	3.688	1.418	10
11	0.6548	0.5888	0.5508	7.458	3.94	4.76	1.44	3.00	6.84	6.58	3.608	1.388	11
12	0.6548	0.5828	0.5908	8.508	3.81	4.30	1.34	3.26	10.0	6.42	3.508	1.378	12
13	0.6548	0.5768	0.6308	8.508	3.37	3.97	1.31	4.83	37.3	6.54	3.418	1.388	13
14	0.6548	0.5708	0.6708	8.408	3.86	3.86	1.30	5.70	41.6	6.29	3.338	1.338	14
15	0.6578	0.5648	0.7108	8.108	3.89	3.53	1.26	6.20	33.9	6.75	3.258	1.338	15
16	0.6588	0.5588	0.7808	7.508	3.61	3.22	1.25	8.95	26.2	6.08	3.178	1.318	16
17	0.6588	0.5588	0.7908	6.98	3.34	3.04	1.33	10.5	21.5	6.13	3.098	1.308	17
18	0.6588	0.5528	0.8308	6.62	3.21	3.88	1.36	8.68	18.0	5.82	3.008	1.288	18
19	0.6618	0.5508	0.8588	6.25	3.21	3.41	1.38	8.80	16.3	5.85	2.928	1.288	19
20	0.6528	0.5478	0.9008	4.66	3.10	3.33	1.48	8.16	15.1	5.19	2.828	1.288	20
21	0.6838	0.5448	0.9308	4.37	3.06	3.31	1.48	8.15	14.1	7.72	2.718	1.268	21
22	0.6848	0.5408	0.9508	3.84	1.98	3.40	1.38	11.2	13.6	7.20	2.618	1.238	22
23	0.6858	0.5368	0.9958	3.66	1.93	3.88	1.37	11.3	13.4	6.26	2.518	1.228	23
24	0.6868	0.5328	1.01 E	4.16	1.91	3.80	1.48	9.27	13.2	6.498	2.418	1.218	24
25	0.6878	0.5288	1.04 E	5.21	2.30	6.26	1.41	7.48	12.8	6.088	2.318	1.208	25
26	0.6878	0.5248	1.07 E	5.95	4.94	11.1	1.38	6.28	12.4	5.858	2.218	1.198	26
27	0.6878	0.5208	1.10 E	6.22	7.37	10.1	1.38	5.33	12.0	5.888	2.118	1.188	27
28	0.6878	0.5168	1.13 E	6.21	8.61	7.86	1.32	4.44	11.6	5.488	2.068	1.178	28
29	0.6878		1.16 E	5.98	13.1	6.41	1.18	3.84	10.8	5.188	1.908	1.188	29
30	0.6818		1.19 E	5.48	14.1	5.33	1.17	3.48	9.88	5.008	1.818	1.168	30
31	0.6668		1.25 E		14.0		1.20	3.28		4.888		1.148	31
TOTAL	20.429	16.100	24.180	156.55	184.81	170.83	83.75	181.31	386.72	221.69	98.80	41.76	TOTAL
MEAN	0.659	0.575	0.780	5.22	4.99	5.88	1.73	4.84	13.2	7.15	3.22	1.35	MEAN
MAX	0.687	0.648	1.25	8.60	14.8	12.8	4.33	11.3	41.6	9.83	4.74	1.78	MAX
MIN	0.654	0.516	0.508	1.32	1.91	3.21	1.17	1.06	3.44	4.88	1.81	1.14	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.12
MAXIMUM DAILY, 41.6 ON SEP 14
MINIMUM DAILY, 0.5008 ON MAR 4
MAXIMUM INSTANTANEOUS,
46.8 AT 00:15 MST ON SEP 14

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 55 N
LONG 118 04 27 W
DRAINAGE AREA, 1 350 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 750	JUL	6 840
FEB	1 390	AUG	13 100
MAR	2 080	SEP	34 200
APR	13 700	OCT	19 200
MAY	13 400	NOV	8 360
JUN	14 700	DEC	3 610

TOTAL DISCHARGE, 130 000 dam³

BARE CREEK RESERVOIR NEAR ELKWATER - STATION NO. 11AE004

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1137.228	---	---	---	---	---	---	---	1
2	---	---	---	1135.487	---	---	1135.932	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	1136.90E	---	1135.847	---	---	---	5
6	---	---	1133.390E	1135.880E	1137.198E	1137.112	1136.850E	1136.025E	1135.808E	1135.785E	---	---	6
7	---	---	---	---	1137.170	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	1135.762	---	---	9
10	---	---	---	1136.146	---	---	1136.807	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	1133.361	---	---	---	---	---	---	---	---	---	12
13	---	---	---	1136.930	---	---	---	1135.780	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	1133.540E	1137.136	1137.357	1137.045E	1136.845E	1136.610E	1135.743	1135.709E	---	---	16
17	---	---	---	---	---	---	1136.841	---	---	---	---	---	17
18	---	---	---	---	---	1137.030	---	---	---	---	---	---	18
19	---	---	1133.629	---	---	---	---	---	---	1135.782	---	---	19
20	---	---	---	---	---	---	---	1135.712	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	1133.394E	1134.599	---	---	---	---	---	1135.787	---	---	---	25
26	---	---	---	1137.210E	---	1136.880E	1136.522	---	1136.798E	---	---	---	26
27	---	1133.394	1134.654	---	1137.145E	---	1136.610E	1135.880E	---	1135.720E	---	---	27
28	---	1133.394E	---	---	1137.142	---	---	1135.669	---	1135.710	---	---	28
29	---		---	---	---	---	1136.442	---	---	---	---	---	29
30	---		---	1137.053	---	1136.840E	---	---	1135.790E	---	---	---	30
31	---		1135.300E		1137.130E		1136.330E	1135.675E		1135.715E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1985

MAXIMUM DAILY, 1137.357 ON MAY 15
MINIMUM DAILY, 1133.361 ON MAR 11

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 36 09 N
LONG 110 23 45 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

DRAINAGE AREA,
24.1 km²

BARRIER LAKE NEAR SEEBE - STATION NO. 05BF024

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1375.80	1375.80	1375.80	1375.32	1388.73	1387.06	1370.63	1387.45	1373.06	1374.60	1374.85	1375.78	1
2	1375.67	1375.86	1375.87	1375.32	1388.34	1387.21	1370.68	1387.53	1373.00	1374.68	1374.82	1375.68	2
3	1375.80	1375.88	1375.61	1375.32	1388.00	1387.21	1370.87	1387.84	1372.94	1374.65	1374.85	1375.63	3
4	1375.88	1375.83	1375.78	1375.33	1387.73	1387.33	1371.17	1387.70	1372.70	1374.62	1374.88	1375.60	4
5	1375.82	1375.80	1375.78	1375.17	1387.58	1387.58	1371.32	1387.76	1372.48	1374.80	1374.80	1375.58	5
6	1375.71	1375.88	1375.88	1374.83	1387.38	1387.78	1371.48	1387.86	1372.48	1375.01	1374.80	1375.71	6
7	1375.66	1375.88	1375.88	1374.88	1387.48	1388.00	1371.60	1387.88	1372.70	1374.88	1374.77	1375.71	7
8	1375.71	1375.88	1375.78	1374.67	1387.38	1388.43	1371.63	1387.86	1372.84	1375.01	1374.80	1375.78	8
9	1375.78	1375.75	1375.67	1374.26	1387.20	1388.83	1371.78	1387.82	1373.31	1374.95	1374.88	1375.83	9
10	1375.81	1375.87	1375.93	1374.18	1387.18	1388.80	1371.84	1387.43	1373.46	1374.80	1376.04	1376.71	10
11	1375.87	1375.90	1375.78	1374.18	1388.04	1388.80	1372.03	1387.30	1373.78	1376.71	1376.04	1376.78	11
12	1375.87	1375.83	1375.78	1374.13	1388.88	1388.77	1372.15	1387.43	1374.26	1376.71	1374.95	1376.67	12
13	1375.80	1375.83	1375.71	1374.01	1388.80	1388.88	1371.75	1387.30	1374.88	1376.71	1374.92	1376.60	13
14	1375.81	1375.81	1375.71	1373.92	1388.84	1388.15	1371.62	1387.42	1374.84	1376.85	1375.04	1376.64	14
15	1375.76	1375.81	1375.82	1373.67	1388.48	1388.44	1370.88	1387.87	1375.11	1374.71	1374.92	1375.61	15
16	1375.81	1375.81	1375.88	1373.48	1388.14	1388.88	1370.38	1388.28	1374.88	1374.74	1375.04	1375.65	16
17	1375.88	1375.81	1376.75	1373.28	1388.36	1388.88	1388.88	1388.63	1378.87	1374.74	1375.11	1375.75	17
18	1375.88	1375.82	1375.71	1373.02	1388.27	1370.11	1388.88	1389.41	1375.14	1374.80	1375.11	1375.78	18
19	1375.88	1375.87	1375.67	1372.88	1388.33	1370.33	1388.00	1388.92	1375.14	1374.88	1375.11	1375.88	19
20	1375.82	1375.83	1375.38	1372.84	1388.27	1370.88	1388.88	1370.38	1375.14	1375.04	1375.07	1375.88	20
21	1375.80	1375.84	1375.38	1372.38	1388.88	1370.87	1388.61	1370.88	1375.14	1375.07	1375.04	1375.71	21
22	1375.87	1375.81	1375.38	1372.03	1388.88	1370.88	1388.44	1371.11	1378.11	1375.07	1374.88	1375.88	22
23	1375.88	1375.87	1375.47	1371.83	1388.72	1370.88	1388.81	1371.84	1378.14	1375.07	1374.82	1375.88	23
24	1375.81	1375.80	1375.80	1371.38	1388.72	1371.30	1388.17	1371.90	1378.07	1375.04	1374.88	1375.83	24
25	1375.81	1375.87	1375.44	1370.88	1387.18	1371.14	1388.80	1372.24	1374.88	1375.01	1374.88	1375.88	25
26	1375.71	1375.81	1375.41	1370.83	1387.42	1370.88	1388.88	1373.48	1374.88	1375.04	1374.88	1375.88	26
27	1375.88	1375.80	1375.38	1370.18	1387.37	1370.38	1388.78	1372.84	1374.80	1375.20	1374.88	1375.80	27
28	1375.83	1375.87	1375.38	1388.74	1387.08	1370.88	1388.88	1372.88	1374.77	1375.11	1375.01	1375.80	28
29	1375.88		1375.38	1388.34	1388.88	1370.20	1388.81	1373.04	1374.88	1375.04	1375.11	1375.67	29
30	1375.82		1375.38	1388.22	1388.88	1370.41	1387.88	1372.18	1374.88	1375.01	1375.80	1375.38	30
31	1375.88		1376.32		1388.88		1387.24	1373.13		1374.88		1375.32	31
MEAN	1375.78	1375.78	1375.81	1373.04	1387.81	1388.38	1388.34	1388.48	1374.28	1374.88	1374.87	1375.85	MEAN
MAX	1376.82	1375.83	1376.32	1388.73	1371.30	1372.18	1373.18	1375.14	1375.20	1375.80	1375.80	1375.80	MAX
MIN	1375.67	1375.80	1375.38	1388.22	1388.14	1387.08	1388.41	1387.30	1372.48	1374.82	1374.77	1375.32	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1985

MEAN, 1372.88
MAXIMUM DAILY, 1376.82 ON JAN 30
MINIMUM DAILY, 1388.41 ON JUL 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 01 58 N
LONG 115 02 39 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
600 km²

BATTERSEA DRAIN NEAR THE MOUTH - STATION NO. 05AD038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.021	0.347	0.151	0.072	0.115	0.268	---	---	1
2	---	---	---	---	0.021	0.345	0.196	0.058	0.108	0.284	---	---	2
3	---	---	---	---	0.021	0.340	0.072	0.012	0.098	0.317	---	---	3
4	---	---	---	---	0.019	0.247	0.052	0.009	0.097	0.313	---	---	4
5	---	---	---	---	0.018	0.258	0.054	0.004	0.108	0.288	---	---	5
6	---	---	---	---	0.018	0.310	0.138	0.003	0.255	0.339	---	---	6
7	---	---	---	---	0.018	0.438	0.137	0.014	0.239	0.435	---	---	7
8	---	---	---	---	0.016	0.352	0.258	0.334A	0.215	0.298	---	---	8
9	---	---	---	---	0.015	0.432	0.138	0.300E	0.222	0.361	---	---	9
10	---	---	---	---	0.013	0.359	0.084	0.350E	0.213	0.499	---	---	10
11	---	---	---	---	0.013	0.247	0.105	0.400E	0.206	0.304	---	---	11
12	---	---	---	---	0.019	0.147	0.087	0.450E	0.352	0.108	---	---	12
13	---	---	---	---	0.018	0.222	0.076	0.200E	0.602	0.031	---	---	13
14	---	---	---	---	0.021	0.349	0.084	0.074A	0.412	0.020	---	---	14
15	---	---	---	---	0.018	0.278	0.037	0.350E	0.310	0.017	---	---	15
16	---	---	---	---	0.015	0.203	0.012	0.677A	0.251	0.017	---	---	16
17	---	---	---	---	0.198	0.213	0.012	0.500E	0.202	0.020	---	---	17
18	---	---	---	---	0.339	0.176	0.008	0.400E	0.182	0.018	---	---	18
19	---	---	---	---	0.275	0.488	0.006	0.250E	0.205	0.012	---	---	19
20	---	---	---	---	0.247	0.296	0.006	0.100E	0.203	0.017	---	---	20
21	---	---	---	---	0.124	0.286	0.007	0.595A	0.263	0.015	---	---	21
22	---	---	---	---	0.086	0.186	0.026	0.681	0.201	0.015	---	---	22
23	---	---	---	---	0.060	0.183	0.255	0.582	0.173	0.014	---	---	23
24	---	---	---	---	0.067	0.213	0.294	0.487	0.186	0.012	---	---	24
25	---	---	---	0.017A	0.117	0.181	0.180	0.450	0.210	0.011	---	---	25
26	---	---	---	0.035	0.194	0.287	0.030	0.387	0.243	0.010	---	---	26
27	---	---	---	0.037	0.345	0.316	0.084	0.327	0.298	0.011	---	---	27
28	---	---	---	0.030	0.252	0.432	0.119	0.276	0.256	0.012	---	---	28
29	---		---	0.023	0.129	0.092	0.134	0.249	0.277	0.012	---	---	29
30	---		---	0.021	0.068	0.116	0.173	0.231	0.282	0.011	---	---	30
31	---		---		0.228		0.268	0.188		0.010A		---	31
TOTAL	---	---	---	---	3.985	8.327	3.167	8.920	6.984	4.097	---	---	TOTAL
MEAN	---	---	---	---	0.096	0.278	0.102	0.288	0.233	0.132	---	---	MEAN
MAX	---	---	---	---	0.345	0.488	0.294	0.677	0.602	0.499	---	---	MAX
MIN	---	---	---	---	0.013	0.092	0.007	0.003	0.097	0.010	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.187
MAXIMUM DAILY, 0.677A ON AUG 16
MINIMUM DAILY, 0.003 ON AUG 6

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 30 N
LONG 112 36 00 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	274
FEB	---	AUG	771
MAR	---	SEP	603
APR	---	OCT	354
MAY	344	NOV	---
JUN	719	DEC	---

TOTAL DISCHARGE, 2 980 dam³

BATTLE RIVER ABOVE PIPESTONE CREEK - STATION NO. 05PA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0708	7.598	12.3	2.05	0.824	0.534E	0.045	0.079	0.488	---	1
2	---	---	0.0738	7.618	11.7	2.27	0.638	0.468E	0.044	0.121	0.488	---	2
3	---	---	0.0748	7.538	11.3	2.13	0.702	0.401E	0.059	0.145	0.517	---	3
4	---	---	0.0748	7.80	9.86	2.18	0.600E	0.338E	0.059	0.163	0.481A	---	4
5	---	---	0.0808	10.5	8.87	2.33	1.03 E	0.269E	0.057	0.178	---	---	5
6	---	---	0.0818	10.4	8.92	1.87	1.27 E	0.203E	0.054	0.243	---	---	6
7	---	---	0.0858	38.6	8.46	1.38	1.50 E	0.138E	0.056	0.173	---	---	7
8	---	---	0.0908	36.5	8.28	1.58	1.30 E	0.070E	0.062	0.172	---	---	8
9	---	---	0.0928	29.4	7.65	1.05	0.900E	0.004A	0.056	0.192	---	---	9
10	---	---	0.1008	28.5	7.07	1.07	0.600E	0.046	0.052	0.208	---	---	10
11	---	---	0.1058	27.1	6.71	1.20	0.540E	0.054	0.044	0.215	---	---	11
12	---	---	0.1098	25.7	6.63	1.27	0.450E	0.068	0.048	0.210	---	---	12
13	---	---	0.1258	24.8	6.48	1.38	0.370E	0.063	0.058	0.228	---	---	13
14	---	---	0.1508	23.8	6.81	1.09	0.350E	0.033	0.057	0.214	---	---	14
15	---	---	0.2008	22.4	6.54	0.966	0.365E	0.020E	0.058	0.227	---	---	15
16	---	---	0.8508	21.7	6.66	0.989	0.380E	0.015E	0.058	0.286	---	---	16
17	---	---	1.80 E	20.8	6.59	0.647	0.395E	0.010E	0.058	0.339	---	---	17
18	---	---	2.15 E	19.4	6.16	0.336	0.410E	0.011E	0.061	0.300	---	---	18
19	---	---	2.80 E	18.2	4.90	0.189	0.425E	0.011E	0.058	0.292	---	---	19
20	---	---	3.46 E	17.3	4.03	0.448	0.440E	0.013E	0.044	0.325	---	---	20
21	---	---	4.13 E	16.8	3.85	0.428	0.455E	0.013E	0.041	0.320	---	---	21
22	---	---	3.39 E	16.1	3.36	0.306	0.480E	0.013E	0.045	0.406	---	---	22
23	---	---	2.66 E	15.0	3.10	0.285	0.463E	0.014E	0.035	0.405	---	---	23
24	---	---	2.39 E	15.3	2.99	0.293	0.485E	0.014E	0.039	0.388	---	---	24
25	---	0.0888	2.34 E	14.4	3.07	0.378	0.470E	0.015E	0.035	0.337	---	---	25
26	---	0.0888	2.14 E	16.1	2.85	0.348	0.480E	0.015E	0.038	0.315	---	---	26
27	---	0.0888	2.22 E	13.9	2.79	0.496	0.485E	0.015E	0.045	0.388	---	---	27
28	---	0.0888	2.57 E	13.1	2.82	0.587	0.520E	0.017A	0.050	0.425	---	---	28
29	---		3.10 E	12.7	2.65	0.573	0.550E	0.026	0.058	0.480	---	---	29
30	---		4.50 E	12.7	2.23	0.982	0.580E	0.025	0.076	0.418	---	---	30
31	---		5.06 E		2.27		0.600E	0.044		0.433		---	31
TOTAL	---	---	47.764	543.23	181.21	31.130	19.427	3.020	1.672	8.578	---	---	TOTAL
MEAN	---	---	1.54	18.1	5.85	1.04	0.627	0.098	0.053	0.277	---	---	MEAN
MAX	---	---	5.06	38.6	12.3	2.33	1.50	0.534	0.076	0.480	---	---	MAX
MIN	---	---	0.070	7.53	2.23	0.189	0.350	0.004	0.035	0.079	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.41
MAXIMUM DAILY, 38.6 ON APR 6
MINIMUM DAILY, 0.004A ON AUG 9
MAXIMUM INSTANTANEOUS,
48.6 AT 11:43 MST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 57 31 N
LONG 113 10 30 W
DRAINAGE AREA, 2 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 880
FEB	---	AUG	261
MAR	4 130	SEP	130
APR	46 900	OCT	741
MAY	15 700	NOV	---
JUN	3 890	DEC	---

TOTAL DISCHARGE, 73 200 dam³

BATTLE RIVER NEAR FORESTBURG - STATION NO. 05PC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0908	20.4 B	31.2	5.03	0.205	0.075	0.010	0.010	0.056	---	1
2	---	---	0.0908	22.3 B	28.7	4.58	0.114	0.039	0.012	0.020	0.063	---	2
3	---	---	0.0908	23.6 B	26.6	4.00	0.051	0.007	0.013	0.030	0.082	---	3
4	---	---	0.0908	24.3 B	25.4	3.72	0.040	0.040	0.014	0.030	0.086A	---	4
5	---	---	0.0908	23.8 B	25.7	3.13	0.030	0.033	0.015	0.030	0.094A	---	5
6	---	---	0.0928	23.0	25.4	3.35	0.020	0.028	0.020	0.030	---	---	6
7	---	---	0.0958	25.6	21.7	4.01	0.014	0.020	0.059	0.030	---	---	7
8	---	---	0.1268	29.3	19.5	3.92	0.012	0.187	0.033	0.030	---	---	8
9	---	---	0.1738	33.4	18.7	3.86	0.010	0.782	0.028	0.030	---	---	9
10	---	---	0.1538	36.9	17.7	3.59	0.010	0.823	0.048	0.020	---	---	10
11	---	---	0.1088	39.5	16.9	2.91	0.011	0.428	0.020	0.025	---	---	11
12	---	---	0.1348	41.5	17.6	2.84	0.012	0.218	0.020	0.028	---	---	12
13	---	---	0.2688	44.4	17.2	1.94	0.013	0.128	0.020	0.028	---	---	13
14	---	---	0.4248	46.8	14.0	1.85	0.013	0.042	0.020	0.030	---	---	14
15	---	---	0.8028	48.6	12.6	2.11	0.002	0.814	0.020	0.033	---	---	15
16	---	---	1.29 B	49.3	11.8	1.84	0.038	1.06	0.020	0.049	---	---	16
17	---	---	2.91 B	49.6	10.5	2.56	0.113	0.794	0.020	0.035	---	---	17
18	---	---	10.8 B	50.1	9.51	3.06	0.617	0.563	0.015	0.033	---	---	18
19	---	---	15.9 B	50.3	9.09	2.08	0.780	0.340	0.015	0.033	---	---	19
20	---	---	16.2 B	50.1	8.46	1.37	0.736	0.232	0.015	0.062	---	---	20
21	---	---	13.2 B	51.4	8.16	0.866	0.489	0.722	0.015	0.062	---	---	21
22	---	---	13.7 B	50.1	7.91	0.836	0.470	0.55	0.015	0.068	---	---	22
23	---	---	13.2 B	48.4	7.13	0.978	0.363	1.73	0.015	0.069	---	---	23
24	---	---	13.8 B	47.3	6.77	0.766	0.237	0.247	0.015	0.044	---	---	24
25	---	---	14.0 B	45.7	6.22	0.628	0.226	0.050	0.015	0.032	---	---	25
26	---	---	15.9 B	44.6	6.07	0.510	0.267	0.032	0.015	0.025	---	---	26
27	---	---	15.7 B	40.8	5.82	1.06	0.332	0.033	0.015	0.030	---	---	27
28	---	---	15.7 B	38.8	5.34	0.974	0.317	0.020	0.015	0.041	---	---	28
29	---	---	13.8 B	37.0	5.33	0.573	0.269	0.015	0.010	0.051	---	---	29
30	---	---	13.5 B	34.1	5.26	0.382	0.195	0.013	0.010	0.053	---	---	30
31	---	---	16.3 B		5.07		0.134	0.011		0.056	---	---	31
TOTAL	---	---	207.529	1 170.0	437.54	89.023	8.170	15.879	0.579	1.101	---	---	TOTAL
MEAN	---	---	6.69	39.0	14.1	2.30	0.198	0.512	0.019	0.036	---	---	MEAN
MAX	---	---	16.3	51.4	31.2	5.03	0.760	6.55	0.059	0.068	---	---	MAX
MIN	---	---	0.090	20.4	5.07	0.382	0.002	0.007	0.010	0.010	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.79
MAXIMUM DAILY, 51.4 ON APR 21
MINIMUM DAILY, 0.002 ON JUL 15
MAXIMUM INSTANTANEOUS,
51.9 AT 16:38 MST ON APR 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 33 N
LONG 113 20 48 W
DRAINAGE AREA, 7 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1972

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	533
FEB	---	AUG	1 370
MAR	17 900	SEP	50 0
APR	101 000	OCT	95 1
MAY	37 800	NOV	---
JUN	5 950	DEC	---

TOTAL DISCHARGE, 185 000 dam³

BATTLE RIVER NEAR PONOKA - STATION NO. 05PA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2808	0.2328	0.2988	10.8 B	8.20	1.57	0.517	0.240	0.238	0.945	0.385	0.1858	1
2	0.2758	0.2008	0.3038	14.4 B	7.41	1.41	0.418	0.182	0.211	0.852	0.842	0.1558	2
3	0.2708	0.1778	0.3108	24.2 B	8.95	1.22	0.337	0.189	0.201	0.745	0.784	0.1558	3
4	0.2658	0.1538	0.3218	34.5 B	8.50	1.05	0.350	0.226	0.193	0.642	0.790	0.1508	4
5	0.2628	0.1808	0.3208	48.0	9.83	1.03	0.316	0.281	0.185	0.504	0.784	0.1508	5
6	0.2698	0.1918	0.3208	54.1	9.11	1.08	0.252	0.214	0.172	0.505	0.787	0.1458	6
7	0.2708	0.1978	0.3258	54.6	8.44	0.966	0.300	0.160	0.168	0.488	2.02	0.1458	7
8	0.2638	0.1938	0.3248	50.2	3.89	1.00	0.258	0.380E	0.184	0.498	0.826	0.1458	8
9	0.2678	0.1928	0.3278	17.8	3.80	1.07	0.210	0.380E	0.182	0.589	0.703	0.1408	9
10	0.2918	0.1868	0.3308	17.6	3.42	1.05	0.205	0.360E	0.186	0.553	0.655	0.1408	10
11	0.2898	0.1888	0.3418	16.9	3.15	1.00	0.199	0.370E	0.186	0.497	0.843	0.1408	11
12	0.2848	0.1918	0.3488	16.1	2.98	0.891	0.212	0.450E	0.178	0.454	0.553	0.1408	12
13	0.2858	0.1848	0.3768	14.8	3.16	0.878	0.203	0.480E	0.249	0.427	0.428	0.1408	13
14	0.2948	0.1918	0.4168	13.7	3.21	0.985	0.201	0.550E	0.324	0.413	0.389	0.1408	14
15	0.3098	0.2048	0.4868	12.9	3.06	1.09	0.180	0.879A	0.381	0.404	0.378	0.1408	15
16	0.3118	0.2048	0.5078	11.7	2.97	1.08	0.165	0.829	1.07	0.471	0.380	0.1405	16
17	0.3258	0.2068	0.5788	10.2	2.73	0.915	0.212	0.823	1.46	0.481	0.3558	0.1458	17
18	0.3298	0.2268	0.6958	8.03	2.48	0.774	0.263	0.648	1.02	0.480	0.3518	0.1958	18
19	0.3238	0.2428	0.8238	6.06	2.11	0.884	0.229	0.528	0.782	0.478	0.3478	0.1948	19
20	0.3218	0.2448	4.09 B	7.71	1.80	0.859	0.238	0.469	0.727	0.503	0.3438	0.2008	20
21	0.3228	0.2448	5.88 B	7.04	1.57	1.01	0.208	0.518	0.885	0.483	0.3108	0.2018	21
22	0.3488	0.2448	5.70 B	5.18	1.44	1.08	0.174	0.784	0.418	0.445	0.2908	0.2038	22
23	0.3528	0.2518	5.67 B	5.17	1.31	0.987	0.147	0.873	0.395	0.439	0.2808	0.2048	23
24	0.3588	0.2578	5.73 B	7.84	1.18	0.886	0.189	0.745	0.418	0.447	0.2408	0.2088	24
25	0.3478	0.2578	5.83 B	8.87	1.31	0.743	0.161	0.831	0.469	0.437	0.2208	0.2078	25
26	0.3358	0.2688	5.35 B	9.95	1.48	1.03	0.142	0.848	0.851	0.495	0.1908	0.2088	26
27	0.3388	0.2788	5.43 B	10.5	1.65	1.38	0.140	0.483	0.727	0.551	0.1708	0.2118	27
28	0.3508	0.2938	5.03 B	10.3	1.82	1.17	0.138	0.380	1.16	0.531	0.1808	0.2138	28
29	0.3308		4.04 B	9.42	1.79	0.823	0.133	0.289	1.46	0.475	0.1808	0.2158	29
30	0.3578		3.36 B	8.57	2.07	0.898	0.093	0.290	1.10	0.413	0.1608	0.2188	30
31	0.3088		5.97 B		1.88		0.148	0.289		0.388		0.2208	31
TOTAL	9.493	6.101	75.888	486.07	100.50	30.238	8.954	14.178	15.830	15.955	14.854	9.435	TOTAL
MEAN	0.306	0.218	2.44	16.2	3.24	1.01	0.224	0.457	0.528	0.515	0.495	0.178	MEAN
MAX	0.362	0.303	5.97	54.6	8.20	1.57	0.517	0.873	1.46	0.945	2.02	0.220	MAX
MIN	0.262	0.158	0.263	5.18	1.18	0.859	0.093	0.180	0.182	0.388	0.180	0.140	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.14
MAXIMUM DAILY, 54.58 ON APR 6
MINIMUM DAILY, 0.093 ON JUL 30

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 39 44 N
LONG 113 34 56 W
DRAINAGE AREA, 1 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	830	JUL	891
FEB	537	AUG	1 330
MAR	6 540	SEP	1 340
APR	41 900	OCT	1 380
MAY	8 680	NOV	1 380
JUN	3 810	DEC	489

TOTAL DISCHARGE, 87 300 dam³

BATTLE RIVER NEAR THE SASKATCHEWAN BOUNDARY - STATION NO. 05FE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 7808	0 5338	0 8068	38 48	63 0	13 4	4 25	1 41	3 45	1 41	1 23 B	0 1818	1
2	0 7288	0 4838	0 8928	34 28	58 5	13 3	4 06	1 31	3 19	1 56	1 42 B	0 1788	2
3	0 7068	0 4588	0 8858	82 18	55 9	12 4	3 60	1 27	2 85	1 59	1 24 B	0 1918	3
4	0 6928	0 4578	0 8498	74 58	52 3	11 6	3 58	1 16	3 66	1 49	1 46 B	0 1838	4
5	0 7648	0 4728	0 5118	67 7	49 1	10 0	3 39	1 06	2 60	1 40	1 31 B	0 1988	5
6	0 8688	0 4978	0 5208	65 7	45 8	8 86	3 22	0 980	2 19	1 37	0 6968	0 1858	6
7	0 9288	0 4918	0 5388	65 1	43 1	7 69	2 84	0 979	2 01	1 37	0 5708	0 2188	7
8	0 9248	0 5228	0 5368	63 1	39 2	7 19	2 79	0 986	1 89	1 38	0 3788	0 2858	8
9	0 8838	0 5088	0 5218	60 8	35 6	7 85	2 57	1 06	1 78	1 37	0 2538	0 3468	9
10	0 8918	0 4908	0 5728	58 4	34 4	7 17	2 48	1 18	1 69	1 36	0 2288	0 3788	10
11	0 9578	0 4788	0 5468	55 0	33 6	6 95	2 33	1 15	1 61	1 40	0 2848	0 3448	11
12	1 05 B	0 5048	0 5248	52 9	32 0	6 46	2 35	1 18	1 56	1 40	0 2828	0 2888	12
13	1 02 B	0 5058	0 5398	51 3	29 8	7 41	2 23	1 16	1 46	1 48	0 2758	0 3238	13
14	1 00 B	0 5158	0 5858	51 5	28 2	7 94	2 21	1 19	1 32	1 50	0 2248	0 3758	14
15	0 9808	0 5468	0 5188	51 4	26 6	8 15	2 11	1 20	1 31	1 49	0 2128	0 3818	15
16	0 9008	0 5848	0 4828	51 3	31 2	8 03	2 02	1 13	1 29	1 51	0 2148	0 3788	16
17	0 8488	0 5868	0 4558	51 8	30 8	8 06	2 07	1 07	1 27	1 53	0 2218	0 3928	17
18	0 7838	0 5848	0 4848	52 2	29 1	7 86	2 11	0 985	1 37	1 78	0 2548	0 4078	18
19	0 7308	0 5858	0 8008	52 5	27 5	7 34	2 08	0 961	1 26	1 82	0 2548	0 4458	19
20	0 7428	0 5128	0 7408	52 7	31 7	7 02	1 90	0 880	1 25	1 78	0 2238	0 4618	20
21	0 7518	0 5028	0 6538	55 2	30 8	6 80	1 82	1 04	1 23	1 77	0 2118	0 5208	21
22	0 7178	0 5778	1 18 B	55 5	28 4	6 26	1 84	1 08	1 24	1 67	0 1688	0 4138	22
23	0 7108	0 5718	1 62 B	55 8	28 1	6 13	1 76	2 72	1 26	1 63	0 1728	0 3808	23
24	0 7858	0 5708	2 17 B	56 5	27 2	6 03	1 72	2 88	1 27	1 61	0 1688	0 3608	24
25	0 8038	0 5678	8 04 B	56 3	29 3	5 57	1 66	3 13	1 27	1 54	0 1778	0 3268	25
26	0 8758	0 5558	15 0 B	57 0	28 8	5 15	1 61	2 68	1 30	1 57	0 1688	0 2618	26
27	0 8108	0 5668	17 0 B	56 7	26 1	4 83	1 70	2 06	1 36	1 55	0 1728	0 1908	27
28	0 7898	0 5838	18 0 B	60 2	25 1	4 81	1 79	1 91	1 41	1 56	0 1828	0 2148	28
29	0 7248		21 0 B	62 3	24 6	4 67	1 76	1 80	1 41	1 528	0 1488	0 2478	29
30	0 7058		23 0 B	64 3	24 3	4 49	1 73	2 32	1 41	1 678	0 1458	0 2678	30
31	0 6448		25 0 B		24 1		1 81	3 87		1 408		0 2618	31
TOTAL	25 768	16 911	145 812	1 684 3	953 0	227 75	73 54	48 278	50 81	47 37	13 945	10 027	TOTAL
MEAN	0 831	0 533	4 71	56 1	30 7	7 59	2 37	1 56	1 69	1 53	0 432	0 323	MEAN
MAX	1 05	0 612	25 0	74 5	63 0	13 4	4 25	3 87	3 45	1 82	1 46	0 681	MAX
MIN	0 648	0 457	0 442	28 4	24 1	4 49	1 61	0 880	1 24	1 36	0 145	0 181	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9 03
MAXIMUM DAILY, 74 58 ON APR 4
MINIMUM DAILY, 0 1458 ON NOV 30

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 51 23 N
LONG 110 01 06 W
DRAINAGE AREA, 35 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 230	JUL	6 350
FEB	1 350	AUG	4 170
MAR	13 400	SEP	4 380
APR	146 000	OCT	4 090
MAY	82 300	NOV	1 120
JUN	19 700	DEC	866

TOTAL DISCHARGE, 285 000 dam³

BEAR CREEK NEAR INTERNATIONAL BOUNDARY - STATION NO. 11AA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0 102	0 188	0 462	0	0	0	0	---	---	1
2	---	---	0	0 225	0 188	0 288	0	0	0	0	---	---	2
3	---	---	0	0 127	0 189	0 196	0	0	0	0	---	---	3
4	---	---	0	0 035	0 260	0 133	0	0	0	0	---	---	4
5	---	---	0	0 013	0 276	0 085	0	0	0	0	---	---	5
6	---	---	0	0 005	0 172	0 055	0	0	0	0	---	---	6
7	---	---	0	0 001	0 106	0 040	0	0	0	0	---	---	7
8	---	---	0	0	0 067	0 028	0	0	0	0	---	---	8
9	---	---	0	0	0 042	0 019	0	0	0	0	---	---	9
10	---	---	0	0	0 027	0 014	0	0	0	0	---	---	10
11	---	---	0	0	0 055	0 010	0	0	0	0	---	---	11
12	---	---	0	0	0 035	0 008	0	0	0	0	---	---	12
13	---	---	0	0	0 058	0 004	0	0	0	0	---	---	13
14	---	---	0	0	0 118	0 002	0	0	0	0	---	---	14
15	---	---	0	0	0 135	0 002	0	0	0	0	---	---	15
16	---	---	0 002E	0	0 099	0	0	0	0	0	---	---	16
17	---	---	0 030A	0	0 125	0	0	0	0	0	---	---	17
18	---	---	0 007	0	0 084	0	0	0	0	0	---	---	18
19	---	---	0 003	0 001	0 047	0	0	0	0	0	---	---	19
20	---	---	0 004	0 004	0 024	0	0	0	0	0	---	---	20
21	---	---	0 003	0 002	0 019	0	0	0	0	0	---	---	21
22	---	---	0	0 048	0 011	0	0	0	0	0	---	---	22
23	---	---	0	0 038	0 006	0	0	0	0	0	---	---	23
24	---	---	0	0 033	0 004	0	0	0	0	0 003	---	---	24
25	---	---	0	0 047	0 003	0	0	0	0	0 004	---	---	25
26	---	0	0	0 062	0 003	0	0	0	0	0 004	---	---	26
27	---	0	0	0 074	0 007	0	0	0	0	0 010	---	---	27
28	---	0	0	0 188	0 022	0	0	0	0	0 007A	---	---	28
29	---		0	0 288	0 017	0	0	0	0	0 006E	---	---	29
30	---		0	0 273	0 021	0	0	0	0	0 005E	---	---	30
31	---		0		0 000		0	0		0 005E		---	31
TOTAL	---	---	0 008	1 657	3 141	1 332	0	0	0	0 063	---	---	TOTAL
MEAN	---	---	0 003	0 055	0 101	0 044	0	0	0	0 002	---	---	MEAN
MAX	---	---	0 030	0 288	0 800	0 462	0	0	0	0 010	---	---	MAX
MIN	---	---	0	0	0 003	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 025
MAXIMUM DAILY, 0 800 ON MAY 31
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
1 51 AT 19 19 MST ON MAY 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 30 N
LONG 111 12 48 W
DRAINAGE AREA, 67 3 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	4 15	SEP	0
APR	143	OCT	4 49
MAY	271	NOV	---
JUN	119	DEC	---

TOTAL DISCHARGE, 538 dam³

BEAR CREEK NEAR VALHALLA CENTRE - STATION NO 07CE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 8	0 950E	0 045	0 003	0	0	0	0	---	---	1
2	---	---	0 8	1 79 A	0 052	0 004	0	0	0	0	---	---	2
3	---	---	0 8	2 99	0 045	0 002	0	0	0	0	---	---	3
4	---	---	0 8	2 50	0 036	0 004	0	0	0	0	---	---	4
5	---	---	0 8	1 33	0 029	0 003	0	0	0	0	---	---	5
6	---	---	0 8	0 800	0 029	0 004	0	0	0	0	---	---	6
7	---	---	0 8	0 783	0 025	0 003	0	0	0	0	---	---	7
8	---	---	0 8	0 753	0 022	0 004	0	0	0	0	---	---	8
9	---	---	0 8	0 765	0 195	0 004	0	0	0	0	---	---	9
10	---	---	0 8	0 781	0 050	0 004	0	0	0	0	---	---	10
11	---	---	0 8	0 770	0 028	0 004	0	0	0	0	---	---	11
12	---	---	0 8	0 619	R 012	0 003E	0	0	0 001	0	---	---	12
13	---	---	0 8	0 507	0 007	0 003E	0	0	0 001	0	---	---	13
14	---	---	0 0018	0 488	R 006	0 003E	0	0	0 002	0	---	---	14
15	---	---	0 0053	0 480	0 005	0 002E	0	0	0	0	---	---	15
16	---	---	0 0108	0 383	0 005	0 002E	0	0	0	0 002	---	---	16
17	---	---	0 0508	0 314	0 005	0 002E	0	0	0	0 001E	---	---	17
18	---	---	1 00 B	0 273	0 005	0 001E	0	0	0	0 001E	---	---	18
19	---	---	3 91 B	0 199	0 005	0 001E	0	0	0	0	---	---	19
20	---	---	5 20 B	0 161	0 005	0 001E	0	0	0	0	---	---	20
21	---	---	4 77 B	0 140	0 005	0 001E	0	0	0	0	---	---	21
22	---	---	3 37 B	0 133	0 004	0 001E	0	0	0	0	---	---	22
23	---	---	2 07 B	0 127A	0 004	0 001E	0	0	0	0	---	---	23
24	---	---	1 89 B	0 100E	0 003	0 001E	0	0	0	0	---	---	24
25	---	---	1 46 B	0 085E	0 004	0 001E	0	0	0	0	---	---	25
26	---	09	1 15 B	0 050E	0 004	0	0	0	0	0	---	---	26
27	---	09	0 8828	0 045E	0 004	0	0	0	0	0	---	---	27
28	---	08	0 8548	0 040E	0 003	0	0	0	0	0	---	---	28
29	---		0 7208	0 035E	0 003	0	0	0	0	0	---	---	29
30	---		0 6908	0 040E	0 004	0	0	0	0	0	---	---	30
31	---		0 6808		0 003		0	0		0		---	31
TOTAL	---	---	28 716	18 691	0 858	0 063	0	0	0 004	0 004	---	---	TOTAL
MEAN	---	---	0 926	0 617	0 021	0 002	0	0	0	0	---	---	MEAN
MAX	---	---	5 20	2 99	0 195	0 004	0	0	0 002	0 002	---	---	MAX
MIN	---	---	0	0 035	0 003	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 195
MAXIMUM DAILY, 5 208 ON MAR 20
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
5 550 AT 18:00 MST ON MAR 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 24 02 N
LONG 119 22 53 W
DRAINAGE AREA, 181 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	2 480	SEP	0 35
APR	1 660	OCT	0 35
MAY	55 7	NOV	---
JUN	5 44	DEC	---

TOTAL DISCHARGE, 4 140 dam³

BEAR LAKE NEAR CLAIRMONT - STATION NO 07QE004

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	28 600	28 385	---	28 081	---	---	---	---	1
2	---	---	---	---	28 595	---	---	28 081	---	27 985	---	---	2
3	---	---	---	28 347	---	28 374	28 227	---	27 975	---	---	---	3
4	---	---	---	---	---	28 374	---	---	---	27 985	---	---	4
5	---	---	---	---	---	---	28 213	---	---	---	---	---	5
6	---	---	---	---	---	28 364	---	28 065	27 970	---	---	---	6
7	---	---	---	---	28 613	---	---	---	27 970	---	---	---	7
8	---	---	---	---	28 612	---	28 188	28 056	---	27 981	---	---	8
9	---	---	---	---	---	---	28 182	28 035	27 970	27 991	---	---	9
10	---	---	---	28 512	28 569	28 303	---	28 035	---	---	---	---	10
11	---	---	---	---	---	---	28 167	---	27 986	27 991	---	---	11
12	---	---	---	---	28 547	28 282	---	---	27 986	---	---	---	12
13	---	---	---	---	28 526	---	28 167	28 035	---	---	---	---	13
14	---	---	---	---	---	28 282	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	27 986	---	---	15
16	---	---	---	---	---	28 257	28 076	28 035	---	---	---	---	16
17	---	---	---	28 609	28 491	28 234	---	28 035	---	27 986	---	---	17
18	---	---	---	---	---	28 233	---	---	---	27 986	---	---	18
19	---	---	---	---	---	---	28 106	---	27 986	---	---	---	19
20	---	---	---	---	28 487	---	28 105	---	27 986	---	---	---	20
21	---	---	---	---	28 451	---	---	28 035	27 986	---	---	---	21
22	---	---	---	28 631	28 478	---	28 104	---	---	27 986	---	---	22
23	---	---	---	---	---	28 232	28 105	28 006	27 989	---	---	---	23
24	---	---	---	---	28 411	28 233	---	28 000	27 986	27 986	---	---	24
25	---	28 027	---	---	---	---	---	27 986	27 986	27 986	---	---	25
26	---	---	---	---	---	---	---	27 991	27 986	---	---	---	26
27	---	---	---	---	---	---	28 090	---	---	---	---	---	27
28	---	---	28 291	---	28 610	---	---	27 990	---	27 986	---	---	28
29	---		---	---	---	---	28 248	27 990	---	---	---	---	29
30	---		---	---	---	28 244	---	---	27 991	---	---	---	30
31	---		---	---	---	---	28 085	---	---	---	---	---	31
MEAN	---	---	---	---	28 396	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 15 10 N
LONG 119 58 30 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DRAINAGE AREA,
1 190 km²

BEAR RIVER NEAR GRANDE PRAIRIE - STATION NO. 07GE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0	0.0	0.0 B	4.670	3.86	1.63	1.67	0.388	0.285	0.075	0.0240	0.0	1
2	0.0	0.0	0.0 B	5.805	3.82	1.60	1.40	0.427	0.217	0.062	0.0180	0.0	2
3	0.0	0.0	0.0 B	10.9 B	3.83	1.46	1.05	0.436	0.251	0.052	0.0170	0.0	3
4	0.0	0.0	0.0 B	6.098	4.34	1.45	0.813	0.432	0.178	0.025	0.0180	0.0	4
5	0.0	0.0	0.0 B	5.808	4.24	1.98	0.802	0.511	0.167	0.024	0.0180	0.0	5
6	0.0	0.0	0.0 B	6.480	3.79	1.56	0.765	0.380	0.131	0.026	0.0180	0.0	6
7	0.0	0.0	0.0 B	6.456	3.60	1.40	0.627	0.320	0.112	0.030	0.0150	0.0	7
8	0.0	0.0	0.0 B	7.588	3.45	1.40	0.504	0.280	0.118	0.034	0.0140	0.0	8
9	0.0	0.0	0.0 B	7.278	3.29	1.35	0.478	0.517	0.125	0.037	0.0140	0.0	9
10	0.0	0.0	0.0 B	6.438	3.04	1.29	0.416	0.540	0.128	0.042	0.0130	0.0	10
11	0.0	0.0	0.0 B	6.668	2.92	1.23	0.443	0.507	0.121	0.045	0.0130	0.0	11
12	0.0	0.0	0.0018	6.938	2.80	1.34	0.458	0.504	0.148	0.046	0.0130	0.0	12
13	0.0	0.0	0.0028	6.69	2.70	1.27	0.370	0.456	0.231	0.045	0.0130	0.0	13
14	0.0	0.0	0.0108	6.52	2.64	1.17	0.256	0.430	0.207	0.051	0.0098	0.0	14
15	0.0	0.0	0.1008	6.46	2.63	1.02	0.265	0.575	0.209	0.054	0.0098	0.0	15
16	0.0	0.0	0.5008	6.37	2.63	1.03	0.181	0.680	0.304	0.056	0.0058	0.0	16
17	0.0	0.0	3.00 B	6.26	2.53	1.04	0.124	0.468	0.159	0.056	0.0038	0.0	17
18	0.0	0.0	5.10 B	6.39	2.17	1.02	0.215	0.437	0.131	0.064	0.0018	0.0	18
19	0.0	0.0	6.53 B	6.20	2.20	1.04	0.318	0.468	0.118	0.085A	0 B	0.0	19
20	0.0	0.0	3.00 B	6.49	2.19	0.997	0.367	0.412	0.151	0.170E	0 B	0.0	20
21	0.0	0.0	2.81 B	3.83	2.08	1.03	0.446	0.370	0.167	0.120E	0 B	0.0	21
22	0.0	0.0	2.35 B	6.44	1.97	1.00	0.472	0.369	0.155	0.080E	0 B	0.0	22
23	0.0	0.0	3.12 B	6.46	1.87	1.01	0.347	0.439	0.094	0.060E	0 B	0.0	23
24	0.0	0.0	3.26 B	6.36	1.82	0.997	0.382	0.321	0.075	0.045E	0 B	0.0	24
25	0.0	0.0	5.68 B	6.34	1.78	0.978	0.327	0.277	0.094	0.040E	0 B	0.0	25
26	0.0	0.0	6.50 B	6.39	1.74	0.913	0.540	0.271	0.085	0.0858	0 B	0.0	26
27	0.0	0.0	6.40 B	6.81	1.78	0.921	0.481	0.151	0.094	0.0908	0 B	0.0	27
28	0.0	0.0	6.84 B	6.65	1.80	0.984	0.438	0.099	0.087	0.0518	0 B	0.0	28
29	0.0		6.23 B	6.48	2.34	4.77	0.380	0.126	0.085	0.0438	0 B	0.0	29
30	0.0		3.80 B	6.23	3.43	3.78	0.348	0.182	0.078	0.0388	0 B	0.0	30
31	0.0		3.63 B		1.72		0.382	0.251		0.0298		0.0	31
TOTAL	0	0	99.303	186.92	83.88	42.266	15.048	11.887	4.464	1.762	0.227	0	TOTAL
MEAN	0	0	1.91	5.56	2.71	1.41	0.518	0.384	0.149	0.057	0.008	0	MEAN
MAX	0	0	6.10	10.9	4.34	4.77	1.67	0.575	0.304	0.170	0.024	0	MAX
MIN	0	0	0	3.83	1.72	0.913	0.124	0.099	0.094	0.024	0	0	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.05
MAXIMUM DAILY, 10.9 B ON APR 3
MINIMUM DAILY, 0.0 B ON JAN 1
MAXIMUM INSTANTANEOUS,
13.4 B AT 05:30 MST ON APR 3

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 12 00 N
LONG 118 50 00 W
DRAINAGE AREA, 1 510 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	1 390
FEB	0	AUG	1 030
MAR	5 130	SEP	387
APR	14 400	OCT	152
MAY	7 250	NOV	19.6
JUN	3 650	DEC	0

TOTAL DISCHARGE, 33 400 dam³

BEARBERRY CREEK NEAR SUNDRE - STATION NO. 05CA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2.96	1.28	0.070E	0.046	0.061	0.489	---	---	1
2	---	---	---	3.34 B	2.34	0.916	0.058E	0.038	0.059	0.483	---	---	2
3	---	---	---	---	1.86	0.785	0.047E	0.036	0.184	0.447	---	---	3
4	---	---	---	1.38 B	1.32	0.742	0.038A	0.101	0.107	0.480	---	---	4
5	---	---	---	---	0.875	0.635	0.029	0.179	0.166	0.387	---	---	5
6	---	---	---	---	0.831	0.574	0.030	0.180	0.282	0.382	---	---	6
7	---	---	---	---	0.445	0.485	0.015	0.092	0.582	0.446	---	---	7
8	---	---	---	---	0.486	0.381	0.007	0.067	0.443	0.470	---	---	8
9	---	---	---	1.31 B	0.388	0.386	0.005	0.115	0.471	0.458	---	---	9
10	---	---	---	---	0.333	0.359	0.003	0.224	0.519	0.435	---	---	10
11	---	---	---	---	0.300	0.410	0.004	0.238	0.732	0.585	---	---	11
12	---	---	---	1.58 B	0.288	---	0.004	0.287	3.11	0.699	---	---	12
13	---	---	---	---	0.348	---	0.005	0.435	15.6	0.630	---	---	13
14	---	---	---	---	0.304	---	0.009	0.306	5.43	0.580	---	---	14
15	---	---	---	---	0.283	---	0.009	0.287	2.66	0.541	---	---	15
16	---	---	---	---	0.278	---	0.013	0.526	1.73	0.798	---	---	16
17	---	---	---	---	0.284	---	0.073	0.563	1.20	0.688	---	---	17
18	---	---	2.86 B	0.752A	0.244	---	0.140	0.333	0.896	0.755	---	---	18
19	---	---	---	0.616	0.230	---	0.093	0.218	0.855	0.630	---	---	19
20	---	---	2.45 B	0.541	0.220	---	0.082	0.173	1.01	0.588	---	---	20
21	---	---	---	0.538	0.353	---	0.038	0.223	0.861	0.560	---	---	21
22	---	---	0.5138	0.332	0.201	---	0.028	0.686	0.806	0.531	---	---	22
23	---	---	---	0.308	0.206	---	0.034	0.643	0.732	0.510	---	---	23
24	---	---	---	0.482	0.210	---	0.027	0.306	0.698	0.482	---	---	24
25	---	---	---	1.06	0.273	---	0.157	0.188	0.682	0.427	---	---	25
26	---	---	---	1.27	1.34	---	0.161	0.148	0.599	0.4078	---	---	26
27	---	---	---	1.31	1.45	---	0.080	0.113	0.691	0.3628	---	---	27
28	---	---	---	2.46	0.927	---	0.050	0.105	0.596	0.3388	---	---	28
29	---		---	3.49	1.08	---	0.057	0.088	0.547	0.3648	---	---	29
30	---		---	3.44	1.74	---	0.046	0.083	0.516	0.3678	---	---	30
31	---		---		1.66		0.037	0.085		0.3508		---	31
TOTAL	---	---	---	---	33.705	---	1.436	7.097	41.788	15.788	---	---	TOTAL
MEAN	---	---	---	---	0.785	---	0.048	0.229	1.39	0.509	---	---	MEAN
MAX	---	---	---	---	2.96	---	0.157	0.686	15.6	0.798	---	---	MAX
MIN	---	---	---	---	0.201	---	0.003	0.036	0.061	0.336	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 15.6 ON SEP 13

MAXIMUM INSTANTANEOUS,
20.6 AT 07:42 MST ON SEP 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 25 N
LONG 114 42 30 W
DRAINAGE AREA, 227 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	123
FEB	---	AUG	813
MAR	---	SEP	3 610
APR	---	OCT	1 380
MAY	3 050	NOV	---
JUN	---	DEC	---

BEAVER CREEK NEAR BROCKET - STATION NO. 05AB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	.0 027	0.017	0.001	0	0	0	0.017	---	---	1
2	---	---	0	0.058	0.014	0	0	0	0	0.018	---	---	2
3	---	---	0	0.088	0.008	0	0	0	0	0.018	---	---	3
4	---	---	0	0.072	0.005	0	0	0	0	0.018	---	---	4
5	---	---	0	0.080	0.004	0.001	0	0	0	0.019	---	---	5
6	---	---	0	0.044	0.003	0.001	0	0	0	0.024	---	---	6
7	---	---	0	0.030	0.003	0	0	0	0	0.045	---	---	7
8	---	---	0	0.030	0.003	0	0	0	0	0.049	---	---	8
9	---	---	0	0.033	0.002	0	0	0	0	0.038	---	---	9
10	---	---	0.003A	0.048	0.002	0	0	0	0	0.040	---	---	10
11	---	---	0.017A	0.056	0.002	0	0	0	0	0.047	---	---	11
12	---	---	0.018A	0.056	0.002	0	0	0	0.089	0.047	---	---	12
13	---	---	0.008A	0.041	0.001	0	0	0	0.003	0.071	---	---	13
14	---	---	0.003A	0.027	0.001	0	0	0	0	0.060	---	---	14
15	---	---	0.036A	0.018	0.001	0	0	0	0	0.060	---	---	15
16	---	---	0.078A	0.015	0.001	0	0	0	0	0.061	---	---	16
17	---	---	0.058A	0.012	0.001	0	0	0	0	0.062	---	---	17
18	---	---	0.073A	0.008	0	0	0	0	0	0.054	---	---	18
19	---	---	0.041	0.006	0	0	0	0	0	0.051	---	---	19
20	---	---	0.098	0.030	0.001	0	0	0	0	0.050	---	---	20
21	---	---	0.091	0.026	0	0	0	0	0.001	0.050	---	---	21
22	---	---	0.074	0.025	0	0	0	0	0.001	0.051	---	---	22
23	---	---	0.051	0.023	0	0	0	0	0.001	0.055	---	---	23
24	---	---	0.037	0.031	0	0	0	0	0.001	0.058	---	---	24
25	---	---	0.023	0.032	0.001	0	0	0	0.001	0.064	---	---	25
26	---	0A	0.017	0.033	0.001	0	0	0	0.001	0.065	---	---	26
27	---	0	0.023	0.035	0.001	0	0	0	0.002	0.071	---	---	27
28	---	0	0.017	0.022	0.001	0	0	0	0.014	0.067	---	---	28
29	---		0.015	0.022	0.001	0	0	0	0.016	0.063	---	---	29
30	---		0.021	0.014	0	0	0	0	0.017	0.064	---	---	30
31	---		0.030		0		0	0		0.048A		---	31
TOTAL	---	---	0.832	1.022	0.077	0.003	0	0	0.126	1.583	---	---	TOTAL
MEAN	---	---	0.027	0.034	0.002	0	0	0	0.004	0.050	---	---	MEAN
MAX	---	---	0.098	0.088	0.017	0.001	0	0	0.089	0.082	---	---	MAX
MIN	---	---	0	0.008	0	0	0	0	0	0.017	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.015
MAXIMUM DAILY, 0.089 ON APR 3
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.845 AT 08:59 MST ON SEP 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 21 N
LONG 113 47 38 W
DRAINAGE AREA, 356 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	71.8	SEP	10.9
APR	88.3	OCT	135
MAY	6.65	NOV	---
JUN	0.26	DEC	---

TOTAL DISCHARGE, 313 dam³

BEAVER LAKE AT RANGER STATION - STATION NO. 05AA003

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	1.815	1.815	---	1.404	---	1.382	---	1
2	---	---	---	---	---	1.815	---	---	---	1.389	1.383	---	2
3	---	---	---	---	---	1.815	1.815	---	1.405	---	1.383	---	3
4	---	---	---	---	---	---	1.814	---	---	1.389	1.383	---	4
5	---	---	---	---	---	1.815	1.813	---	---	---	---	---	5
6	---	---	1.481	---	---	1.815	1.813	---	1.405	1.389	1.382	---	6
7	---	---	---	---	---	1.815	1.812	1.504	1.401	1.382	1.384	---	7
8	---	---	---	1.503	---	1.815	1.812	1.498	1.400	1.390	1.382	---	8
9	---	---	---	---	---	---	1.811	---	1.399	---	---	---	9
10	---	---	---	---	---	1.815	---	---	---	1.388	---	---	10
11	---	---	---	---	---	1.815	1.810	---	---	1.384	---	---	11
12	---	---	---	---	---	1.815	1.809	---	1.384	---	---	---	12
13	---	---	---	---	---	1.815	1.810	1.478	1.391	---	---	---	13
14	---	---	---	---	---	1.815	---	1.475	1.388	---	---	---	14
15	---	---	---	---	---	---	1.808	1.474	---	---	---	---	15
16	---	---	---	---	---	---	1.808	1.471	---	---	---	---	16
17	---	---	---	---	---	---	1.808	---	1.384	1.383	---	---	17
18	---	---	---	---	---	---	1.808	---	1.383	1.383	---	---	18
19	---	---	---	---	---	1.815	1.808	---	1.380	---	---	---	19
20	---	---	---	---	---	1.815	1.807	---	1.378	1.383	---	---	20
21	---	---	---	---	---	1.815	1.807	1.461	---	1.383	---	---	21
22	---	---	---	---	---	1.816	1.806	1.430	1.379	1.383	---	---	22
23	---	---	---	---	1.815	---	1.806	1.439	---	1.383	---	---	23
24	---	---	---	1.523	1.814	---	---	---	---	1.383	---	---	24
25	---	---	---	---	1.814	---	1.806	---	1.379	---	---	---	25
26	---	---	---	---	1.814	1.815	---	1.414	1.379	---	---	---	26
27	---	---	---	---	1.814	1.817	---	1.408	1.379	---	---	---	27
28	---	---	---	---	1.814	---	1.806	1.403	1.379	1.383	---	---	28
29	---		---	---	1.814	---	1.806	1.403	---	1.383	---	---	29
30	---		---	---	1.814	1.815	1.805	---	1.388	1.382	---	---	30
31	---		---		1.815		---	---		1.382		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 48 40 N
LONG 111 54 05 W

NATURAL FLOW

DRAINAGE AREA,
331 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

BEAVER RIVER ABOVE SYNCRUDE - STATION NO. 07DA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0555	0.0455	0.0455	0.0945	1.84	0.743	0.383	0.168	0.174	0.307	0.3188	0.0549	1
2	0.0548	0.0468	0.0448	0.1208	1.80	0.664	0.318	0.141	0.187	0.272	0.3188	0.0538	2
3	0.0538	0.0468	0.0448	0.1498	1.84	0.547	0.276	0.128	0.211	0.265	0.3188	0.0528	3
4	0.0528	0.0488	0.0448	0.1838	4.07	0.481	0.251	0.111	0.204	0.273	0.3148	0.0528	4
5	0.0518	0.0488	0.0448	0.1618	16.7	0.451	0.243	0.110	0.211	0.284	0.3128	0.0518	5
6	0.0518	0.0488	0.0448	0.1888	25.7	0.404	0.262	0.093	0.225	0.285	0.3028	0.0508	6
7	0.0508	0.0488	0.0448	0.1728	21.7	0.585	0.262	0.128	0.216	0.287	0.2908	0.0508	7
8	0.0588	0.0478	0.0448	0.1788	16.4	0.594	0.247	0.121	0.212	0.293	0.2768	0.0508	8
9	0.0588	0.0478	0.0448	0.1988	11.4	0.524	0.260	0.105	0.303	0.275	0.2588	0.0498	9
10	0.0578	0.0478	0.0448	0.2128	8.15	0.479	0.280	0.088	0.189	0.278	0.2438	0.0488	10
11	0.0578	0.0478	0.0448	0.2008	8.30	0.444	0.258	0.068	0.187	0.281	0.2368	0.0478	11
12	0.0568	0.0478	0.0448	0.2078	5.85	0.407	0.243	0.080	0.235	0.282	0.2308	0.0478	12
13	0.0568	0.0468	0.0438	0.2488	4.28	0.373	0.258	0.080	0.212	0.318	0.2288	0.0468	13
14	0.0558	0.0468	0.0428	0.2908	3.74	0.324	0.255	0.080	0.188	0.340	0.2268	0.0458	14
15	0.0548	0.0488	0.0448	0.3308	3.21	0.280	0.254	0.078	0.223	0.296	0.2228	0.0458	15
16	0.0548	0.0488	0.0488	0.3608	2.81	0.291	0.251	0.071	0.250	0.283	0.2208	0.0448	16
17	0.0538	0.0488	0.0488	0.3208	2.56	0.330	0.233	0.068	0.303	0.297	0.2108	0.0438	17
18	0.0538	0.0488	0.0488	0.2688	2.20	0.287	0.197	0.057	0.335	0.310	0.1708	0.0428	18
19	0.0528	0.0488	0.0518	0.3108	1.92	0.251	0.227	0.050	0.314	0.331	0.1408	0.0428	19
20	0.0528	0.0488	0.0578	0.2888	1.73	0.218	0.231	0.052	0.284	0.318	0.1108	0.0418	20
21	0.0528	0.0488	0.0608	0.3088	1.61	0.353	0.212	0.110	0.281	0.312	0.1008	0.0408	21
22	0.0518	0.0488	0.0748	0.2858	1.40	0.281	0.224	0.119	0.285	0.308	0.0958	0.0398	22
23	0.0518	0.0488	0.0908	0.2708	1.13	0.256	0.314	0.127	0.312	0.310	0.0858	0.0388	23
24	0.0518	0.0458	0.0858	0.2858	0.956	0.246	0.289	0.112	0.324	0.311	0.0808	0.0388	24
25	0.0518	0.0458	0.0788	0.3108	0.824	0.893	0.274	0.137	0.301	0.293	0.0858	0.0378	25
26	0.0508	0.0458	0.0768	0.3538	0.793	1.45	0.278	0.188	0.362	0.278	0.0808	0.0378	26
27	0.0508	0.0458	0.0778	2.73 E	0.688	1.21	0.276	0.182	0.408	0.284	0.0588	0.0358	27
28	0.0508	0.0458	0.0788	3.72 E	0.595	0.993	0.321	0.142	0.384	0.2970	0.0568	0.0348	28
29	0.0508		0.0828	3.17 E	0.585	0.703	0.270	0.122	0.339	0.2838	0.0558	0.0348	29
30	0.0498		0.0858	2.42	0.528	0.490	0.229	0.133	0.357	0.2218	0.0558	0.0338	30
31	0.0498		0.0898		0.517		0.212	0.183		0.2218		0.0328	31
TOTAL	1.707	1.302	1.778	16.274	154.876	19.623	8.180	3.381	7.905	9.179	5.845	1.349	TOTAL
MEAN	0.055	0.047	0.057	0.809	5.00	0.521	0.264	0.109	0.264	0.296	0.188	0.044	MEAN
MAX	0.056	0.049	0.090	3.72	25.7	1.45	0.383	0.188	0.408	0.340	0.319	0.054	MAX
MIN	0.049	0.045	0.042	0.094	0.528	0.248	0.197	0.050	0.174	0.263	0.095	0.032	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.628
MAXIMUM DAILY, 25.7 ON MAY 5
MINIMUM DAILY, 0.0328 ON DEC 31
MAXIMUM INSTANTANEOUS,
25.5 AT 10:23 MST ON MAY 5

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 55 29 N
LONG 111 33 54 W
DRAINAGE AREA, 185 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	147	JUL	707
FEB	112	AUG	292
MAR	154	SEP	683
APR	1 580	OCT	793
MAY	13 400	NOV	486
JUN	1 350	DEC	117

TOTAL DISCHARGE, 19 800 dam³

BEAVER RIVER AT COLD LAKE RESERVE - STATION NO. 06AD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.988	2.488	2.288	3.848	74.5	31.7	17.4	4.98E	3.02E	2.88	2.128	1.18 B	1
2	2.928	2.458	2.288	23.0 B	78.5	30.2	16.7 A	4.65E	2.98E	2.89	2.088	1.15 B	2
3	2.898	2.428	2.288	25.9 B	83.1	28.9	16.0 E	4.45E	2.98E	2.83	2.028	1.11 B	3
4	2.898	2.418	2.288	30.3 B	85.1	27.9	15.1 E	4.28E	2.98E	2.71	2.008	1.08 B	4
5	2.888	2.408	2.288	34.3 B	86.7	26.9	14.4 E	4.10E	2.98E	2.81	2.008	1.05 B	5
6	2.888	2.388	2.288	32.4 B	82.4	27.7	13.7 E	3.85E	3.21E	2.78	2.008	1.02 B	6
7	2.888	2.388	2.288	29.7 B	88.0	26.7	13.0 E	3.83E	2.28E	2.72	2.018	1.00 B	7
8	2.888	2.338	2.288	28.2 B	101	25.0	12.3 E	3.80E	2.29E	2.68	2.038	0.9908	8
9	2.898	2.328	2.288	31.4 B	104	25.1	11.7 E	3.64E	2.30E	2.63	2.078	0.9808	9
10	2.878	2.308	2.288	31.6 B	106	24.7	11.1 E	3.79E	2.31E	2.65	2.118	0.9708	10
11	2.848	2.288	2.288	33.4 B	108	24.1	10.8 E	3.72E	2.31E	2.83	2.188	0.9908	11
12	2.828	2.268	2.288	33.8 B	109	23.8	10.0 E	3.68E	2.32E	2.74	2.208	0.9808	12
13	2.788	2.258	2.288	33.6 B	112	23.3E	9.80E	3.60E	2.32E	2.84	2.258	0.9408	13
14	2.788	2.248	2.288	33.6 B	111	23.1E	9.10E	3.60E	2.33E	2.80	2.308	0.9308	14
15	2.758	2.238	2.288	35.1	107	22.9E	8.80E	3.39E	2.33E	3.02	2.358	0.9248	15
16	2.718	2.228	2.288	37.7	101	22.6E	8.30E	3.28E	2.34E	3.14	2.388	0.9248	16
17	2.688	2.218	2.288	38.6	93.7	22.3E	7.90E	3.11E	2.34E	3.22	2.378	0.9248	17
18	2.668	2.208	2.308	36.4	88.6	21.6E	7.40E	3.00E	2.35E	3.21	2.348	0.9248	18
19	2.648	2.208	2.328	38.1	78.7	20.8E	7.10E	2.88E	2.33E	3.05	2.298	0.9248	19
20	2.648	2.208	2.388	38.1	71.8	19.3E	6.80E	2.78E	2.31E	3.11	2.198	0.9248	20
21	2.648	2.208	2.488	36.2	65.6	18.0E	6.50E	2.65E	2.30E	2.88	2.048	0.9308	21
22	2.638	2.208	2.568	37.6	60.6	17.2E	6.30E	2.58E	2.28E	2.83	1.988	0.9408	22
23	2.638	2.208	2.688	38.4	56.6	17.3A	6.00E	2.48E	2.29E	2.84	1.948	0.9508	23
24	2.638	2.208	2.808	39.3	52.2	17.8	5.80E	2.37E	2.32E	2.89	1.928	0.9508	24
25	2.988	2.208	2.918	40.8	48.4	17.8	5.60E	2.29E	2.40E	3.01	1.938	0.9708	25
26	2.998	2.248	3.088	42.8	45.0	18.0	5.30E	2.31E	2.44E	3.03	1.938	0.9908	26
27	2.978	2.268	3.708	46.4	42.1	18.1	5.20E	2.18A	2.50E	2.70B	1.428	0.9908	27
28	2.958	2.288	5.278	54.1	39.5	18.1	5.17E	2.06E	2.61E	2.20B	1.318	1.00 B	28
29	2.928		5.708	61.1	37.2	17.7	5.14E	2.00E	2.64E	2.59B	1.288	1.01 B	29
30	2.908		6.088	66.5	35.3	17.7	5.12A	2.01E	2.59A	2.40B	1.208	1.02 B	30
31	2.498		6.568		33.6		5.08E	2.00E		2.20B		1.03 B	31
TOTAL	83.93	63.93	89.44	1 088.88	2 404.4	677.1	287.48	=8.47	88.32	83.93	59.79	30.844	TOTAL
MEAN	2.71	2.28	2.88	36.8	77.5	22.6	9.27	3.21	2.21	3.02	1.88	0.988	MEAN
MAX	2.98	2.48	6.88	88.5	112	31.7	17.4	4.88	3.88	3.83	2.28	1.18	MAX
MIN	2.48	2.28	2.28	8.88	33.6	17.2	5.88	2.88	2.82	2.28	1.28	0.924	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 112 ON MAY 13
MINIMUM DAILY, 0.9248 ON DEC 15
MAXIMUM INSTANTANEOUS,
113 AT 12:08 MST ON MAY 13

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 21 20 N
LONG 110 13 00 W
DRAINAGE AREA, 14 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 250	JUL	24 600
FEB	5 520	AUG	8 580
MAR	7 720	SEP	5 990
APR	84 800	OCT	8 130
MAY	298 000	NOV	5 170
JUN	86 600	DEC	2 980

TOTAL DISCHARGE, 437 000 dam³

BEAVER RIVER NEAR GOODRIDGE - STATION NO. 05AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0488	4.348	28.0 E	3.98	0.868	0.314	0.018	0.081	---	---	1
2	---	---	0.0488	13.5 B	28.5 A	3.82	0.918	0.336	0.016	0.026	---	---	2
3	---	---	0.0488	16.4 B	27.9	3.36	0.806	0.326	0.014	0.086	---	---	3
4	---	---	0.0488	16.4 B	27.5	2.99	0.637	0.293	0.012	0.090	---	---	4
5	---	---	0.0488	16.5 B	26.8	2.85	0.904	0.309	0.011	0.123	---	---	5
6	---	---	0.0488	16.7 B	26.0	2.35	0.868	0.152	0.010	0.137	---	---	6
7	---	---	0.0488	15.8 B	25.1	2.23	0.802	0.098	0.009	0.130	---	---	7
8	---	---	0.0488	15.1 B	24.6	2.27	0.548	0.102	0.008	0.145	---	---	8
9	---	---	0.0488	14.7 B	25.3	2.29	0.578	0.078	0.007	0.123	---	---	9
10	---	---	0.0488	15.0 B	24.6	2.17	0.613	0.126	0.006	0.116	---	---	10
11	---	---	0.0488	15.4 B	24.3	2.01	0.580	0.303	0.005	0.102	---	---	11
12	---	---	0.0488	14.5 B	22.7	1.94	0.611	0.228	0.005	0.118	---	---	12
13	---	---	0.0488	14.4	20.8	1.67	0.559	0.038	0.005	0.139	---	---	13
14	---	---	0.0488	14.7	18.9	1.35	0.488	0.023	0.005	0.130	---	---	14
15	---	---	0.0488	13.7	17.1	1.36	0.469	0.027	0.005	0.083	---	---	15
16	---	---	0.0508	13.0	15.2	1.29	0.378	0.035	0.005	0.083	---	---	16
17	---	---	0.0588	12.7	13.7	1.33	0.287	0.048	0.007	0.105	---	---	17
18	---	---	0.0688	12.3	12.6	1.09	0.262	0.060	0.006	0.214	---	---	18
19	---	---	0.0809	12.0	11.7	1.02	0.278	0.055	0.005	0.221	---	---	19
20	---	---	0.1058	10.3	10.8	1.05	0.376	0.073	0.010	0.199	---	---	20
21	---	---	0.1308	13.0	9.84	1.18	0.330	0.076	0.011	0.188	---	---	21
22	---	---	0.1808	12.5	8.87	1.33	0.358	0.092	0.012	0.202	---	---	22
23	---	---	0.2308	14.4	8.29	1.31	0.260	0.103	0.013	0.328	---	---	23
24	---	---	0.2908	16.3	7.80	1.18	0.232	0.113	0.014	0.188	---	---	24
25	---	---	0.5008	20.8	7.02	1.06	0.267	0.117	0.015	0.138	---	---	25
26	---	0.0488	1.00 B	25.0	6.51	0.908	0.249	0.127	0.016	0.116	---	---	26
27	---	0.0488	2.20 B	26.6 A	6.05	1.19	0.303	0.106	0.018	0.114	---	---	27
28	---	0.0488	2.77 B	29.2 E	5.48	1.17	0.332	0.046	0.020	0.130	---	---	28
29	---		2.75 B	29.5 E	5.07	1.10	0.310	0.026	0.023	0.095	---	---	29
30	---		2.88 B	29.4 E	4.75	1.02	0.286	0.033	0.062	0.111A	---	---	30
31	---		3.03 B		4.35		0.273	0.019		0.111E		---	31
TOTAL	---	---	15.811	488.74	516.13	62.588	15.185	3.883	0.330	4.198	---	---	TOTAL
MEAN	---	---	0.542	16.6	16.7	1.78	0.490	0.119	0.013	0.135	---	---	MEAN
MAX	---	---	3.03	29.5	28.0	3.98	0.949	0.336	0.062	0.336	---	---	MAX
MIN	---	---	0.048	4.34	4.35	0.588	0.303	0.019	0.005	0.078	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.93
MAXIMUM DAILY, 29.6 ON MAY 5
MINIMUM DAILY, 0.005 ON SEP 11
MAXIMUM INSTANTANEOUS,
29.7 AT 13:00 MST ON MAY 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 08 N
LONG 111 22 00 W
DRAINAGE AREA, 4 710 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 310
FEB	---	AUG	319
MAR	1 480	SEP	32.8
APR	43 100	OCT	363
MAY	44 800	NOV	---
JUN	4 570	DEC	---

TOTAL DISCHARGE, 95 900 dam³

BEAVERDAM CREEK NEAR COCHRANE - STATION NO 05CB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.004	0	0	0	0	0	0	0	---	1
2	---	---	0 B	0.018	0	0	0	0	0	0	0	---	2
3	---	---	0 B	0.008	0	0	0	0	0	0	0	---	3
4	---	---	0 B	0.005	0	0	0	0	0	0	0	---	4
5	---	---	0 B	0.004	0	0	0	0	0	0	0	---	5
6	---	---	0 B	0.001	0	0	0	0	0	0	0	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0.002	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0.003	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0.004	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0.002	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0.001	0	---	---	15
16	---	---	0 B	0	0	0.001	0	0	0.014	0	---	---	16
17	---	---	0.0128	0	0	0	0	0	0.001	0.001	---	---	17
18	---	---	0.0138	0	0	0	0	0	0	0.005	---	---	18
19	---	---	0.0488	0	0	0	0	0	0	0.004	---	---	19
20	---	---	0.177	0	0	0	0	0	0	0	---	---	20
21	---	---	0.182	0	0	0	0	0	0	0	---	---	21
22	---	---	0.183	0	0	0.001	0	0	0	0	---	---	22
23	---	---	0.033	0	0	0	0	0	0	0	---	---	23
24	---	---	0.022	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0.115	0	0	0	0	0	0	---	---	25
				0.028	0	0	0	0	0	0	---	---	26
26	---	---	0	0.018	0	0	0	0	0	0	---	---	27
27	---	88	0	0.012	0	0	0	0	0	0	---	---	28
28	---	88	0	0.007	0.002	0	0	0	0	0	---	---	29
29	---		0	0.001	0.003	0	0	0	0	0.001	---	---	30
30	---		0		0	0	0	0	0	0.008	---	---	31
31	---		0.001		0	0	0	0	0	0.001	---	---	TOTAL
TOTAL	---	---	0.626	0.230	0.005	0.010	0	0	0.070	0.023	---	---	MEAN
MEAN	---	---	0.020	0.007	0	0.001	0	0	0.003	0.001	---	---	MAX
MAX	---	---	0.177	0.115	0.003	0.004	0	0	0.001	0.008	---	---	MIN
MIN	---	---	0	0	0	0	0	0	0	0	---	---	

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.177 ON MAR 19
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.98 AT 10:33 MST ON APR 24

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 45 N
LONG 114 29 29 W
DRAINAGE AREA, 45.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	54.3	SEP	5.57
APR	19.0	OCT	1.09
MAY	0.42	NOV	---
JUN	1.38	DEC	---

TOTAL DISCHARGE, 83.7 dam³

BEAVERHILL CREEK NEAR THE MOUTH - STATION NO. 06EB015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0088	5.80 B	0.104	0.285	0.161	0.027	0	0	0.0088	---	1
2	---	---	0.0088	8.45 B	0.101	0.351	0.135	0.014	0	0	0.0048	---	2
3	---	---	0.0088	10.6 B	0.103	0.373	0.114	0.004	0	0	0.0088	---	3
4	---	---	0.0088	9.42 B	0.103	0.394	0.094	0.001	0	0	0.0118	---	4
5	---	---	0.0088	5.75 B	0.098	0.386	0.083	0	0	0	0.0108	---	5
6	---	---	0.0088	3.54 B	0.092	0.484	0.074	0	0	0	0.0088	---	6
7	---	---	0.0088	2.81	0.088	0.350	0.078	0	0	0	---	---	7
8	---	---	0.0088	2.60	0.087	0.321	0.073	0	0	0	---	---	8
9	---	---	0.0088	2.59	0.092	0.342	0.071	0	0	0	---	---	9
10	---	---	0.0088	2.55	0.093	0.686	0.069	0	0	0	---	---	10
11	---	---	0.0078	2.31	0.092	0.689	0.084	0	0	0	---	---	11
12	---	---	0.0088	2.18	0.088	0.857	0.086	0	0	0	---	---	12
13	---	---	0.0088	2.02	0.085	0.802	0.084	0	0	0	---	---	13
14	---	---	0.0108	1.87	0.084	0.474	0.045	0	0	0	---	---	14
15	---	---	0.0158	1.40	0.082	0.484	0.044	0	0	0	---	---	15
16	---	---	0.0208	1.38	0.088	0.458	0.094	0	0	0.0018	---	---	16
17	---	---	0.0258	1.37 E	0.094	0.433	0.128	0	0	0.0018	---	---	17
18	---	---	0.0408	1.35 E	0.108	0.416	0.152	0	0	0.0018	---	---	18
19	---	---	0.1008	1.37 E	0.111	0.344	0.148	0	0	0.0018	---	---	19
20	---	---	0.2508	1.10 E	0.116	0.319	0.211	0	0	0.0018	---	---	20
21	---	---	0.4008	0.950E	0.104	0.322	0.219	0	0	0.0018	---	---	21
22	---	---	0.6008	0.750E	0.087	0.405	0.235	0	0	0.0018	---	---	22
23	---	---	0.9008	0.633	0.126	0.474	0.241	0	0	0.0018	---	---	23
24	---	---	1.50 B	0.474	0.201	0.784	0.243	0	0	0.0018	---	---	24
25	---	---	2.50 B	0.330	0.280	0.749	0.228	0	0	0.0018	---	---	25
26	---	---	3.50 B	0.242	0.287	0.481	0.200	0	0	0.0018	---	---	26
27	---	---	5.00 B	0.180	0.288	0.370	0.180	0	0	0.0018	---	---	27
28	---	0.0088	6.07 B	0.158	0.304	0.275	0.129	0	0	0.0118	---	---	28
29	---		5.12 B	0.138	0.288	0.224	0.094	0	0	0.0268	---	---	29
30	---		5.17 B	0.118	0.261	0.189	0.067	0	0	0.0188	---	---	30
31	---		4.83 B		0.234		0.045	0		0.0128		---	31
TOTAL	---	---	36.234	74.149	4.321	13.057	3.843	0.046	0	0.081	---	---	TOTAL
MEAN	---	---	1.17	2.47	0.139	0.437	0.124	0.001	0	0.003	---	---	MEAN
MAX	---	---	6.07	10.6	0.304	0.784	0.243	0.027	0	0.026	---	---	MAX
MIN	---	---	0.006	0.118	0.082	0.189	0.044	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.538
MAXIMUM DAILY, 10.60 ON APR 3
MINIMUM DAILY, 0 ON AUG 5
MAXIMUM INSTANTANEOUS,
12.18 AT 23:40 MST ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 53 21 N
LONG 112 56 57 W
DRAINAGE AREA, 2 930 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	332
FEB	---	AUG	3.97
MAR	3 130	SEP	9
APR	6 410	OCT	7.00
MAY	373	NOV	---
JUN	1 130	DEC	---

TOTAL DISCHARGE, 11 400 dam³

BEAVERLODGE RIVER NEAR BEAVERLODGE - STATION NO. 07GD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0018	0.0018	0 B	1.988	0.846	0.081	0.015	0	0	0.002	0.0018	0 B	1
2	0.0018	0.0018	0 B	4.198	1.51	0.086	0.011	0	0	0.002	0.0018	0 B	2
3	0.0018	0.0018	0 B	5.798	0.822	0.057	0.010	0	0	0.001	0.0018	0 B	3
4	0.0018	0.0018	0 B	5.008	0.653	0.104	0.018	0	0	0.002	0 B	0 B	4
5	0.0028	0.0028	0 B	4.158	0.599	0.092	0.036	0	0	0.002	0 B	0 B	5
6	0.0018	0.0018	0 B	3.838	0.588	0.082	0.025	0	0	0.001	0 B	0 B	6
7	0.0018	0 B	0 B	3.628	0.785	0.081	0.017	0	0	0.002	0 B	0 B	7
8	0 B	0 B	0.0018	4.598	0.745	0.062	0.015	0	0	0.002	0 B	0 B	8
9	0.0018	0 B	0.0028	3.258	0.612	0.084	0.010	0	0	0.002	0 B	0 B	9
10	0.0018	0 B	0.0048	2.788	0.923	0.058	0.010	0	0	0.002	0 B	0 B	10
11	0.0018	0 B	0.0068	3.588	0.803	0.048	0.007	0	0	0.004	0 B	0 B	11
12	0.0028	0 B	0.0148	3.318	0.688	0.031	0.004	0	0	0.005	0 B	0 B	12
13	0.0028	0 B	0.0208	3.85	0.588	0.026	0.004	0	0.002	0.004	0.0018	0 B	13
14	0.0028	0 B	0.0288	2.58	0.533	0.018	0.003	0	0.001	0.005	0.0018	0 B	14
15	0.0028	0 B	0.0488	2.24	0.381	0.017	0.001	0	0.001	0.006	0.0018	0 B	15
16	0.0028	0 B	0.1338	1.88	0.363	0.014	0	0	0.001	0.007	0 B	0 B	16
17	0.0018	0 B	1.13 B	1.68	0.325	0.011	0.001	0	0.001	0.008	0 B	0 B	17
18	0.0018	0 B	4.43 B	1.50	0.253	0.010	0	0	0	0.006	0 B	0 B	18
19	0.0018	0 B	10.3 B	1.23	0.198	0.003	0	0	0.001	0.005	0 B	0 B	19
20	0.0018	0 B	7.85 B	1.04	0.188	0.001	0	0	0.002	0.006	0 B	0 B	20
21	0.0018	0 B	5.80 B	1.04	0.162	0.001	0	0	0.002	0.008	0 B	0.0018	21
22	0.0018	0 B	4.28 B	1.02	0.119	0	0	0	0.002	0.008	0 B	0.0018	22
23	0.0018	0 B	1.94 B	1.38	0.027	0.002	0	0	0.001	0.007	0 B	0.0028	23
24	0.0028	0 B	1.18 B	1.84	0.008	0.007	0	0	0.002	0.0068	0 B	0.0018	24
25	0.0028	0 B	1.18 B	1.47	0.079	0.007	0	0	0.002	0.0068	0 B	0.0018	25
26	0.0018	0.0018	1.25 B	1.44	0.108	0.006	0	0	0.003	0.0048	0 B	0 B	26
27	0.0028	0.0018	3.88 B	1.32	0.103	0.006	0	0	0.003	0.0028	0 B	0 B	27
28	0.0018	0.0018	1.88 B	1.28	0.075	0.013	0	0	0.003	0.0018	0 B	0 B	28
29	0.0028		1.84 B	1.11	0.127	0.019	0	0	0.002	0.0018	0 B	0 B	29
30	0.0028		1.88 B	1.02	0.121	0.019	0	0	0.002	0.0018	0 B	0 B	30
31	0.0018		1.42 B		0.104		0	0		0.0018		0 B	31
TOTAL	0.041	0.010	48.318	74.68	13.858	0.537	0.165	0	0.039	0.118	0.008	0.008	TOTAL
MEAN	0.001	0	1.63	2.48	0.437	0.031	0.008	0	0.001	0.004	0	0	MEAN
MAX	0.002	0.002	10.3	5.79	1.51	0.104	0.034	0	0.003	0.008	0.001	0.002	MAX
MIN	0	0	0	1.02	0.068	0	0	0	0	0.001	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.378
MAXIMUM DAILY, 10.30 ON MAR 19
MINIMUM DAILY, 0.0 ON JAN 8
MAXIMUM INSTANTANEOUS,
10.60 ON MAR 19

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 11 21 N
LONG 119 25 05 W
DRAINAGE AREA, 1 610 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3.94	JUL	15.0
FEB	0.65	AUG	0
MAR	4 170	SEP	3.51
APR	6 450	OCT	9.94
MAY	1 170	NOV	0.52
JUN	51.0	DEC	0.52

TOTAL DISCHARGE, 11 900 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARK

BEAVERTAIL CREEK NEAR HYTHE - STATION NO. 07GD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.4008	0.310	0.054	0	0	0	0	---	---	1
2	---	---	0 B	0.6956	0.270	0.044	0	0	0	0	---	---	2
3	---	---	0 B	0.7528	0.220	0.045	0	0	0	0	---	---	3
4	---	---	0 B	0.7888	0.180	0.044	0	0	0	0	---	---	4
5	---	---	0 B	0.8528	0.180	0.038	0	0	0	0	---	---	5
6	---	---	0 B	0.5238	0.234	0.026	0	0	0	0	---	---	6
7	---	---	0 B	0.4728	0.200	0.003	0	0	0	0	---	---	7
8	---	---	0 B	0.4908	0.446	0.002	0	0	0	0	---	---	8
9	---	---	0 B	0.5838	0.505	0.002	0	0	0	0	---	---	9
10	---	---	0 B	0.7978	0.328	0.001	0	0	0	0	---	---	10
11	---	---	0 B	0.8558	0.234	B	B	0	0	0	---	---	11
12	---	---	0 B	0.8108	0.179	B 001	B	0	0	0	---	---	12
13	---	---	0.0018	0.6888	0.152	B 001	B	0	0	0	---	---	13
14	---	---	0.0028	0.5868	0.132	B 004	B	0	0	0	---	---	14
15	---	---	0.0038	0.5718	0.132	B 007	B	0	0	0	---	---	15
16	---	---	0.2008	0.624	0.085	0 005	0	0	0	0	---	---	16
17	---	---	0.4008	0.550	0.032	0 005	0	0	0	0	---	---	17
18	---	---	0.7008	0.453	0.021	0 003	0	0	0	0	---	---	18
19	---	---	1.50 B	0.407	0.017	0	0	0	0	0	---	---	19
20	---	---	1.20 B	0.381	0.018	0	0	0	0	0	---	---	20
21	---	---	0.7918	0.344	0.018	0	B	0	0	0	---	---	21
22	---	---	0.5508	0.280	0.014	0	B	0	0	0	---	---	22
23	---	---	0.4008	0.845	0.012	0	B	0	0	0	---	---	23
24	---	---	0.3088	0.628	0.039	0	B	0	0	0	---	---	24
25	---	---	0.3538	0.563	0.048	0	B	0	0	0B	---	---	25
26	---	---	0.3438	0.520	0.045	B	0	0	0	0B	---	---	26
27	---	0B	0.3338	0.522	0.048	0	0	0	0	0B	---	---	27
28	---	0B	0.2518	0.418	0.053	B	0	0	0	0B	---	---	28
29	---		0.2138	0.383	0.050	0	0	0	0	0B	---	---	29
30	---		0.1908	0.320	0.047	B	0	0	0	0B	---	---	30
31	---		0.2188		0.044		0	0		0B		---	31
TOTAL	---	---	7.966	17.331	4.263	0.289	B	B	0	0	---	---	TOTAL
MEAN	---	---	0.257	0.578	0.138	0.010	0	0	0	0	---	---	MEAN
MAX	---	---	1.50	0.855	0.505	0.054	0	0	0	0	---	---	MAX
MIN	---	---	0	0.320	0.013	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.122
MAXIMUM DAILY, 1.50B ON MAR 19
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.54 ON MAR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 18 57 N
LONG 119 36 28 W
DRAINAGE AREA, 862 km²

B - ICE CONDITIONS

NATURAL FLOW

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARK

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	838	SEP	0
APR	1 500	OCT	0
MAY	368	NOV	---
JUN	35.0	DEC	---

TOTAL DISCHARGE, 2 580 dam³

BEDDINGTON CREEK NEAR CALGARY - STATION NO. 05BH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.100E	0.142	0.023	0.006	0.008	0.010	0.045	---	---	1
2	---	---	---	0.100E	0.113	0.020	0.006	0.005	0.010	0.039	---	---	2
3	---	---	---	0.100E	0.097	0.015	0.006	0.003	0.011	0.037	---	---	3
4	---	---	---	0.100E	0.078	0.017	0.005	0.003	0.013	0.035	---	---	4
5	---	---	---	0.100E	0.059	0.014	0.005	0.003	0.017	0.032	---	---	5
6	---	---	---	0.100E	0.046	0.015	0.005	0.003	0.029	0.033	---	---	6
7	---	---	---	0.100E	0.034	0.012	0.004	0.002	0.038	0.037	---	---	7
8	---	---	---	0.100E	0.031	0.014	0.004	0.004	0.037	0.036	---	---	8
9	---	---	---	0.100E	0.029	0.013	0.004	0.009	0.025	0.033	---	---	9
10	---	---	---	0.100A	0.021	0.016	0.005	0.023	0.029	0.041	---	---	10
11	---	---	---	0.054	0.023	0.013	0.006	0.021	0.022	0.037	---	---	11
12	---	---	---	0.050	0.020	0.008	0.005	0.028	0.318	0.033	---	---	12
13	---	---	---	0.074	0.015	0.010	0.005	0.015	0.385	0.035	---	---	13
14	---	---	---	0.083	0.015	0.017	0.005	0.013	0.387	0.033	---	---	14
15	---	---	---	0.044	0.014	0.007	0.005	0.050	0.317	0.038	---	---	15
16	---	---	---	0.033	0.014	0.007	0.005	0.108	0.287	0.048	---	---	16
17	---	---	---	0.029	0.015	0.007	0.006	0.080	0.304	0.047	---	---	17
18	---	---	---	0.023	0.014	0.007	0.006	0.048	0.156	0.048	---	---	18
19	---	---	---	0.038	0.018	0.007	0.006	0.033	0.137	0.048	---	---	19
20	---	---	---	0.074	0.018	0.018	0.007	0.031	0.118	0.044	---	---	20
21	---	---	---	0.040	0.018	0.022	0.007	0.048	0.091	0.049	---	---	21
22	---	---	---	0.042	0.031	0.022	0.006	0.098	0.078	0.045	---	---	22
23	---	---	---	0.087	0.018	0.017	0.011	0.071	0.054	0.040	---	---	23
24	---	---	---	0.097	0.022	0.013	0.183	0.047	0.056	0.0458	---	---	24
25	---	---	---	0.088	0.048	0.010	0.031	0.032	0.048	0.0408	---	---	25
26	---	---	---	0.128	0.057	0.008	0.017	0.028	0.045	0.0408	---	---	26
27	---	---	---	0.080	0.041	0.007	0.010	0.023	0.041	0.0358	---	---	27
28	---	---	---	0.180	0.042	0.007	0.007	0.015	0.044	0.0358	---	---	28
29	---		---	0.178	0.035	0.007	0.008	0.018	0.042	0.0308	---	---	29
30	---		---	0.209	0.025	0.007	0.011	0.014	0.045	0.0308	---	---	30
31	---		---		0.027		0.013	0.011		0.0308		---	31
TOTAL	---	---	---	2.633	1.187	0.376	0.391	0.693	3.102	1.203	---	---	TOTAL
MEAN	---	---	---	0.088	0.038	0.013	0.013	0.028	0.103	0.039	---	---	MEAN
MAX	---	---	---	0.209	0.142	0.023	0.183	0.108	0.385	0.049	---	---	MAX
MIN	---	---	---	0.029	0.014	0.007	0.004	0.003	0.010	0.030	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.048
MAXIMUM DAILY, 0.385 ON SEP 13
MINIMUM DAILY, 0.003 ON AUG 7
MAXIMUM INSTANTANEOUS,
0.715 AT 21:30 MST ON SEP 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 12 30 N
LONG 114 09 40 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	33.6
FEB	---	AUG	77.3
MAR	---	SEP	288
APR	237	OCT	184
MAY	101	NOV	---
JUN	32.7	DEC	---

TOTAL DISCHARGE, 844 dam³

BELLY - ST. MARY DIVERSION CANAL - STATION NO 05AD021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	0E	0 E	1.908	37.9	36.8	53.4	8.48	33.2	22.0	0E	0E	1
2	0E	0E	0 E	2.838	38.7	36.7	53.8	7.19	33.1	25.4	0E	0E	2
3	0E	0E	0 E	2.828	39.3	36.6	54.1	7.21	28.7	33.5	0E	0E	3
4	0E	0E	0 E	2.708	39.5	35.3	53.9	7.33	18.6	42.7	0E	0E	4
5	0E	0E	0 E	2.808	39.9	30.0	53.5	7.41	10.6	46.6	0E	0E	5
6	0E	0E	0 E	2.82	33.8	35.3	52.0	7.38	12.3	49.5	0E	0E	6
7	0E	0E	0 E	2.39	34.4	36.9	50.9	7.13	13.3	50.3	0E	0E	7
8	0E	0E	0 E	2.39	34.0	42.6	49.9	7.03	14.3	49.0	0E	0E	8
9	0E	0E	0 E	2.43	33.7	43.8	49.0	7.36	15.0	47.7	0E	0E	9
10	0E	0E	0 E	2.76	23.4	43.1	48.4	8.46	15.6	46.5	0E	0E	10
11	0E	0E	0 E	2.98	23.1	42.3	47.8	8.87	15.6	46.5	0E	0E	11
12	0E	0E	0 E	8.12	22.9	42.2	46.4	8.55	23.2	46.2	0E	0E	12
13	0E	0E	0 E	14.4	22.4	43.1	46.4	12.2	30.6	43.4	0E	0E	13
14	0E	0E	0 E	17.6	21.7	46.1	43.5	12.1	28.6	42.4	0E	0E	14
15	0E	0E	0 E	19.9	21.8	45.7	42.4	13.7	26.0	40.0	0E	0E	15
16	0E	0E	0 E	21.5	23.2	49.0	40.9	20.0	22.3	33.6	0E	0E	16
17	0E	0E	0 E	23.1	23.7	50.1	40.1	18.4	16.8	26.5	0E	0E	17
18	0E	0E	0 E	33.2	24.0	51.8	39.6	14.3	19.6	13.0	0E	0E	18
19	0E	0E	0 E	34.5	24.3	52.7	38.2	17.2	20.1	2.01	0E	0E	19
20	0E	0E	0 E	34.3	24.5	54.6	37.2	18.7	17.2	2.21	0E	0E	20
21	0E	0E	0 E	33.2	24.8	57.4	36.5	24.1	18.4	0.750	0E	0E	21
22	0E	0E	0 E	32.6	24.7	57.1	35.8	24.0	17.2	0.025	0E	0E	22
23	0E	0E	0 E	31.4	24.8	56.6	35.7	25.5	19.4	0 0035E	0E	0E	23
24	0E	0E	0 E	30.2	24.8	55.6	35.2	29.5	23.4	0 0035E	0E	0E	24
25	0E	0E	0 E	29.9	25.0	54.3	34.3	29.4	24.7	0 E	0E	0E	25
26	0E	0E	0 E	29.6	25.0	53.4	31.4	32.0	24.5	0 E	0E	0E	26
27	0E	0E	0 E	29.0	25.0	53.0	27.6	36.6	25.5	0 E	0E	0E	27
28	0E	0E	0 0005	30.5	24.6	52.2	27.0	36.3	23.5	0 E	0E	0E	28
29	0E		1.25 B	33.5	24.5	51.9	22.6	35.6	23.0	0 E	0E	0E	29
30	0E		1.40 B	35.1	24.5	52.6	13.6	34.6	22.4	0 A	0E	0E	30
31	0E		1.60 B		24.7		9.39	34.0		0 E	0E	0E	31
TOTAL	0	0	6.200	557.94	628.1	1 358.0	1 247.09	566.82	633.5	711.904	0	0	TOTAL
MEAN	0	0	0.200	18.6	26.7	45.3	40.2	18.3	21.1	23.0	0	0	MEAN
MAX	0	0	1.60	36.1	39.9	57.4	54.1	36.6	33.2	50.2	0	0	MAX
MIN	0	0	0	1.90	21.5	24.5	9.39	7.03	10.6	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.2
MAXIMUM DAILY, 57.4 ON JUN 21
MINIMUM DAILY, 0E ON JAN 1

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 10 N
LONG 113 33 07 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1959

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	103 000
FEB	0	AUG	49 000
MAR	535	SEP	84 800
APR	48 200	OCT	91 800
MAY	71 800	NOV	0
JUN	117 000	DEC	0

TOTAL DISCHARGE, 510 000 dam³

BELLY RIVER NEAR GLENWOOD - STATION NO. 05AD041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	18.7	1.05	0.702	0.826	0.885	10.9	2.408	1
2	---	---	---	---	---	17.7	1.03	0.686	0.806	0.868	10.1	2.408	2
3	---	---	---	---	---	14.8	1.00	0.681	0.893	0.932	9.85	3.458	3
4	---	---	---	---	---	11.5	1.00	0.673	0.780	1.13	9.78A	2.508	4
5	---	---	---	---	---	8.80	0.995	0.650	0.838	1.40	17.0 A	2.518	5
6	---	---	---	---	---	3.02	0.955	0.647	1.07	1.49	19.5	2.808	6
7	---	---	---	---	---	3.12	0.946	0.657	1.00	1.82	17.1	2.858	7
8	---	---	---	---	---	3.89	0.938	0.685	0.971	1.48	14.8	2.738	8
9	---	---	---	---	---	17.8	0.926	0.666	0.957	1.41	13.9 A	2.808	9
10	---	---	---	---	---	12.4	0.903	0.731	0.898	1.36	11.5 B	2.858	10
11	---	---	---	---	---	7.06	0.883	0.763	0.893	1.33	9.808	2.938	11
12	---	---	---	---	---	3.78	0.882	0.771	1.30	1.33	8.408	2.988	12
13	---	---	---	---	---	2.28	0.886	0.778	1.06	1.27	7.808	3.048	13
14	---	---	---	---	---	5.84	0.887	0.738	0.937	1.23	7.408	3.108	14
15	---	---	---	---	---	7.58	0.871	0.813	0.880	1.19	8.808	3.158	15
16	---	---	---	---	---	7.48	0.811	0.850	0.823	1.12	8.408	3.178	16
17	---	---	---	---	2.28A	5.88	0.802	0.782	0.788	1.48	8.008	3.208	17
18	---	---	---	---	3.70	4.18	0.838	0.713	0.788	0.86	8.408	3.158	18
19	---	---	---	---	5.07	2.37	0.878	0.678	0.784	0.48	8.008	3.108	19
20	---	---	---	---	9.26	2.12	0.888	0.718	0.743	0.30	4.808	3.008	20
21	---	---	---	---	13.7	3.78	0.852	0.838	0.707	10.0	4.308	2.788	21
22	---	---	---	---	16.6	2.88	0.848	0.838	0.888	10.8	4.008	2.888	22
23	---	---	---	---	16.2	1.78	0.804	0.848	0.783	10.7	3.808	2.858	23
24	---	---	---	---	16.7	1.38	0.888	0.834	0.884	10.3	3.508	2.208	24
25	---	---	---	---	19.3	1.38	0.887	0.888	1.01	10.8	3.408	2.108	25
26	---	---	---	---	21.1	1.30	0.801	0.854	0.874	13.7	3.288	1.988	26
27	---	---	---	---	23.8	1.22	0.781	0.847	0.838	14.3	3.118	1.788	27
28	---	---	---	---	20.1	1.12	0.851	0.882	0.813	14.4	2.888	1.858	28
29	---	---	---	---	14.6	1.08	0.847	0.881	0.880	14.6	2.888	1.788	29
30	---	---	---	---	12.1	1.06	0.788	0.843	0.882	13.7	2.488	1.788	30
31	---	---	---	---	13.7		0.741	0.834		12.1		1.888	31
TOTAL	---	---	---	---	16.1	181.82	28.857	24.873	28.871	181.008	234.05	78.32	TOTAL
MEAN	---	---	---	---	---	6.06	0.870	0.786	0.888	5.84	7.83	2.85	MEAN
MAX	---	---	---	---	---	18.7	1.05	0.881	1.30	14.8	19.5	3.20	MAX
MIN	---	---	---	---	---	1.06	0.847	0.847	0.880	0.885	3.48	1.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 23.8 ON MAY 26

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 08 N
LONG 113 36 49 W

A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 330
FEB	---	AUG	2 130
MAR	---	SEP	2 330
APR	---	OCT	15 600
MAY	---	NOV	20 300
JUN	15 700	DEC	5 650

BELLY RIVER NEAR MOUNTAIN VIEW - STATION NO. 05AD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9008	0.9228	0.9508	1.488	16.5	29.9	12.6	3.32	5.77	7.82	12.6	2.388	1
2	1.05 B	0.8738	0.8508	2.188	19.6	26.7	14.3	3.27	4.48	7.53	11.8	2.378	2
3	1.20 B	0.7508	0.8108	2.758	25.3	23.1	14.7	3.46	3.40	7.87	11.7	2.388	3
4	1.30 B	0.6248	0.8508	3.758	28.9	21.0	14.8	3.51	3.29	8.87	14.1	2.408	4
5	1.45 B	0.5878	1.07 B	2.638	25.7	19.7	14.3	3.43	3.38	9.08	19.6	2.448	5
6	1.54 B	0.5368	1.33 B	2.478	20.0	19.6	12.6	3.30	5.38	9.54	19.7	2.488	6
7	1.50 B	0.5168	1.51 B	2.628	16.4	23.8	13.2	2.99	6.42	9.77	15.8	2.518	7
8	1.48 B	0.5118	1.66 B	2.478	15.2	42.7	13.3	2.67	6.77	8.86	14.5	2.558	8
9	1.45 B	0.5158	1.76 B	2.78	14.6	41.4	13.4	2.58	6.76	8.37	12.5	2.608	9
10	1.40 B	0.5378	1.83 B	3.72	14.0	31.6	13.3	2.84	6.77	8.13	10.9	2.648	10
11	1.42 B	0.5238	1.76 B	4.83	13.5	24.4	11.6	3.17	7.83	8.48	9.438	2.868	11
12	1.44 B	0.7858	1.81 B	6.23	12.4	21.4	9.98	4.44	15.5	8.43	9.038	2.718	12
13	1.45 B	0.8048	1.77 B	8.49	11.3	21.1	9.37	8.71	20.6	7.86	8.678	2.748	13
14	1.46 B	0.8278	1.76 B	10.9	10.6	20.6	8.88	5.11	19.2	7.76	7.808	2.778	14
15	1.48 B	0.7788	1.74 B	12.5	10.7	20.5	7.63	7.80	16.5	8.28	7.028	2.808	15
16	1.50 B	0.8888	1.68 B	13.2	11.7	20.5	8.86	11.8	14.1	12.7	6.168	2.828	16
17	1.48 B	0.8778	1.73 B	12.5	14.2	20.1	8.67	11.8	12.6	14.3	5.578	2.858	17
18	1.42 B	0.8588	1.84 B	12.0	17.8	19.0	8.28	10.6	12.7	13.9	4.838	2.888	18
19	1.34 B	0.9048	1.69 B	12.4	22.6	18.2	5.49	9.30	11.9	13.2	4.748	2.448	19
20	1.30 B	0.9408	1.48 B	11.1	27.6	19.9	5.15	8.83	11.0	12.7	4.318	2.218	20
21	1.31 B	1.00 B	1.27 B	10.1	31.7	20.8	4.94	8.09	11.1	12.3	4.108	2.228	21
22	1.33 B	1.05 B	1.15 B	8.83	35.6	18.6	4.86	7.58	11.7	12.4	3.908	2.188	22
23	1.35 B	1.05 B	1.15 B	7.84	37.1	16.8	4.98	7.47	11.8	12.2	3.608	2.008	23
24	1.38 B	1.04 B	1.15 B	6.80	37.2	15.3	4.98	8.38	11.3	11.7	3.258	1.838	24
25	1.34 B	1.00 B	1.12 B	6.31	38.0	13.6	4.85	7.80	10.8	14.2	3.058	1.398	25
26	1.31 B	1.02 B	1.25 B	5.84	37.7	12.2	4.34	7.48	11.1	16.2	2.858	1.358	26
27	1.25 B	1.04 B	1.36 B	5.84	30.8	11.1	4.13	7.38	10.5	16.6	2.708	1.208	27
28	1.22 B	1.02 B	1.25 B	5.08	24.3	10.8	3.92	7.17	9.04	17.2	2.518	1.708	28
29	1.18 B		1.25 B	12.6	21.5	11.4	3.73	6.87	8.37	16.9	2.408	1.958	29
30	0.8258		1.20 B	15.1	24.8	12.3	3.56	6.57	8.03	15.5	2.358	1.728	30
31	0.8018		1.16 B		28.6		3.43	6.22		13.8		1.738	31
TOTAL	40.847	22.731	42.840	217.40	696.3	628.5	261.01	180.68	288.05	353.45	242.78	70.56	TOTAL
MEAN	1.32	0.812	1.38	7.25	22.5	21.0	8.42	5.15	9.84	11.4	8.09	2.28	MEAN
MAX	1.54	1.05	1.83	15.1	38.0	42.7	14.8	11.8	20.6	17.2	19.6	2.86	MAX
MIN	0.801	0.511	0.810	1.46	10.7	10.8	3.43	2.56	3.29	7.53	2.35	1.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.40
MAXIMUM DAILY, 42.7 ON JUN 8
MINIMUM DAILY, 0.511B ON FEB 5
MAXIMUM INSTANTANEOUS, 45.8 AT 19:45 MST ON JUN 8

SUMMARY FOR THE YEAR 1985

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 00 N
LONG 113 41 48 W
DRAINAGE AREA, 319 km²

B - ICE CONDITIONS

REGULATED SINCE 1935

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 530	JUL	22 600
FEB	1 950	AUG	15 500
MAR	3 700	SEP	25 000
APR	18 800	OCT	30 500
MAY	60 200	NOV	21 000
JUN	54 300	DEC	6 100

TOTAL DISCHARGE, 265 000 dam³

BELLY RIVER NEAR STANDOFF - STATION NO. 05AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.158	1.00 B	1.808	1.12	1.48A	---	---	---	---	---	---	---	1
2	1.508	0.8508	1.558	1.35	---	---	---	---	---	---	---	---	2
3	1.808	0.7008	1.508	1.31	---	---	---	---	---	---	---	---	3
4	2.158	0.6508	1.458	1.19	---	---	---	---	---	---	---	---	4
5	2.208	0.9208	1.418	1.08	---	---	---	---	---	---	---	---	5
6	2.158	1.00 B	1.308	1.04	---	---	---	---	---	---	---	---	6
7	2.008	1.05 B	1.158	1.03	---	---	---	---	---	---	---	---	7
8	1.928	1.05 B	1.188	1.01	---	---	---	---	---	---	---	---	8
9	1.858	0.9708	1.338	0.988	---	---	---	---	---	---	---	---	9
10	1.808	0.8508	1.368	0.988	---	---	---	---	---	---	---	---	10
11	1.788	0.9208	1.508	1.11	---	---	---	---	---	---	---	---	11
12	1.758	0.9208	1.588	1.14	---	---	---	---	---	---	---	---	12
13	1.728	0.9708	1.558	1.16	---	---	---	---	---	---	---	---	13
14	1.728	1.05 B	1.438	1.13	---	---	---	---	---	---	---	---	14
15	1.888	1.10 B	1.388	1.15	---	---	---	---	---	---	---	---	15
16	1.588	1.15 B	1.508	1.28	---	---	---	---	---	---	---	---	16
17	1.568	1.22 B	1.658	1.38	---	---	---	---	---	---	---	---	17
18	1.408	1.32 B	1.858	1.58	---	---	---	---	---	---	---	---	18
19	1.108	1.35 B	1.788	1.67	---	---	---	---	---	---	---	---	19
20	1.108	1.40 B	1.738	1.67	---	---	---	---	---	---	---	---	20
21	1.208	1.50 B	1.958	1.80	---	---	---	---	---	---	---	---	21
22	1.308	1.55 B	1.858	1.55	---	---	---	---	---	---	---	---	22
23	1.408	1.55 B	1.428	1.49	---	---	---	---	---	---	---	---	23
24	1.508	1.50 B	1.388	1.43	---	---	---	---	---	---	---	---	24
25	1.588	1.40 B	1.308	1.42	---	---	---	---	---	---	---	---	25
26	1.618	1.40 B	1.238	1.48	---	---	---	---	---	---	---	---	26
27	1.638	1.50 B	1.188	1.41	---	---	---	---	---	---	---	---	27
28	1.638	1.58 B	1.178	1.38	---	---	---	---	---	---	---	---	28
29	1.588		1.188	1.33	---	---	---	---	---	---	---	---	29
30	1.208		1.178	1.41	---	---	---	---	---	---	---	---	30
31	1.258		1.148		---	---	---	---	---	---	---	---	31
TOTAL	49.90	33.490	44.02	38.878	---	---	---	---	---	---	---	---	TOTAL
MEAN	1.61	1.16	1.42	1.29	---	---	---	---	---	---	---	---	MEAN
MAX	2.20	1.55	1.85	1.67	---	---	---	---	---	---	---	---	MAX
MIN	1.10	0.850	1.14	0.988	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 310	JUL	---
FEB	2 810	AUG	---
MAR	3 900	SEP	---
APR	3 360	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

BERRY CREEK BELOW DEADFISH CREEK - STATION NO 08CH[illegible]

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0928	1.70	0.712	0.737	0.576	0.226	0.040A	---	---	1
2	---	---	0 B	0.0978	1.61	0.685	0.762	0.513	0.204	0.533	---	---	2
3	---	---	0 B	0.2028	1.34	0.669	0.692	0.484	0.182	0.470	---	---	3
4	---	---	0 B	0.9008	1.26	0.676	0.598	0.503	0.163	0.851	---	---	4
5	---	---	0 B	0.7678	1.12	0.856	0.485	0.482	0.144	0.669	---	---	5
6	---	---	0 B	0.8598	1.09	0.846	0.487	0.532	0.126	0.681	---	---	6
7	---	---	0 B	0.9268	1.22	0.787	0.784	0.571	0.109	0.694	---	---	7
8	---	---	0 B	0.8298	0.948	0.734	1.01	0.581	0.097	0.618	---	---	8
9	---	---	0 B	0.9068	0.806	0.740	1.51	0.824	0.086	0.247	---	---	9
10	---	---	0 B	0.4238	0.754	0.784	2.04	0.669	0.077	0.116	---	---	10
11	---	---	0 B	5.31 B	0.578	0.737	1.90	0.885	0.070	0.070	---	---	11
12	---	---	0 B	12.5	0.782	0.743	1.61	0.884	0.058A	0.030A	---	---	12
13	---	---	0 B	12.3	0.853	0.691	1.61	1.09	0.058E	0.028E	---	---	13
14	---	---	0 B	11.8	0.907	0.686	1.58	1.07	0.048E	0.028E	---	---	14
15	---	---	0 B	11.5	0.786	0.856	1.80	2.16	0.042E	0.035A	---	---	15
16	---	---	0 B	10.7	0.788	0.895	1.47	1.98	0.032E	0.029A	---	---	16
17	---	---	0 B	5.78	0.672	0.856	1.38	1.78	0.026E	0.026A	---	---	17
18	---	---	0 B	2.27	0.673	0.686	1.33	1.80	0.040E	0.025E	---	---	18
19	---	---	0 B	1.12	0.327	0.680	1.37	1.68	0.048E	0.025E	---	---	19
20	---	---	0 0.428	1.15	0.381	0.676	1.36	0.621	0.050E	0.017	---	---	20
21	---	---	0 0.418	1.55	0.433	0.704	1.10	0.595	0.054E	0.882	---	---	21
22	---	---	0 0.358	1.47	0.429	0.762	0.930	0.802	0.060E	0.541	---	---	22
23	---	---	0 0.268	1.28	0.475	0.795	0.844	0.578	0.062E	0.408	---	---	23
24	---	---	0.0248	1.42	0.937	0.780	0.854	0.520	0.058E	0.304	---	---	24
25	---	---	0.0268	1.80	0.822	0.684	0.828	0.453	0.058E	0.230	---	---	25
26	---	---	0.0248	1.85	0.808	0.813	0.777	0.600	0.060E	0.163	---	---	26
27	---	---	0.0188	1.75	0.810	0.801	0.736	0.359	0.050E	0.106	---	---	27
28	---	---	0.0188	1.29	1.05	0.395	0.733	0.329	0.048E	0.100	---	---	28
29	---		0.0218	1.13	1.10	0.467	0.734	0.295	0.044E	0.085A	---	---	29
30	---		0.0308	1.82	0.874	0.840	0.868	0.283	0.042E	0.075A	---	---	30
31	---		0.0808		0.738		0.619	0.243		0.070E	---	---	31
TOTAL	---	---	0.390	94.503	25.879	30.483	34.080	24.208	3.618	7.887	---	---	TOTAL
MEAN	---	---	0.013	3.15	0.881	0.882	1.10	0.781	0.081	0.256	---	---	MEAN
MAX	---	---	0.040	12.5	1.70	0.958	2.04	2.16	0.236	0.882	---	---	MAX
MIN	---	---	0	0.092	0.327	0.386	0.485	0.243	0.052	0.017	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.880
MAXIMUM DAILY, 12.5 ON APR 12
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
12.7 AT 10:10 MST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 05 N
LONG 111 45 50 W
DRAINAGE AREA, 2 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 940
FEB	---	AUG	2 090
MAR	33.7	SEP	209
APR	8 170	OCT	690
MAY	2 310	NOV	---
JUN	1 770	DEC	---

TOTAL DISCHARGE, 18 200 dam³

REMARKS - FLOWS ARE AFFECTED BY FORSTER RESERVOIR RELEASES

BERRY CREEK NEAR ROSE LYNN - STATION NO. 08CH008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	2.008	1.90	0.012	0	0	0	0.017	---	---	1
2	---	---	0B	16.0 B	1.49	0.012	0	0	0	0.015	---	---	2
3	---	---	0B	33.0 B	1.15	0.009	0	0	0	0.012	---	---	3
4	---	---	0B	29.0 B	0.896	0.006	0	0	0	0.009	---	---	4
5	---	---	0B	26.2	0.667	0.003	0	0	0	0.007	---	---	5
6	---	---	0B	23.3	0.426	0.001	0	0	0	0.007	---	---	6
7	---	---	0B	20.8	0.314	0	0	0	0	0.007	---	---	7
8	---	---	0B	17.7	0.236	0	0	0	0	0.006	---	---	8
9	---	---	0B	16.2	0.188	0	0	0	0	0	---	---	9
10	---	---	0B	15.1	0.178	0	0	0	0.001	0	---	---	10
11	---	---	0B	13.3	0.187	0	0	0	0.008	0	---	---	11
12	---	---	0B	12.4	0.186	0	0	0	0.017	0	---	---	12
13	---	---	0B	10.0	0.121	0	0	0	0.030	0	---	---	13
14	---	---	0B	7.48	0.110	0	0	0	0.043	0	---	---	14
15	---	---	0B	6.78	0.111	0	0	0	0.051	0	---	---	15
16	---	---	0B	4.47	0.087	0	0	0	0.058	0	---	---	16
17	---	---	0B	4.02	0.084	0	0	0	0.064	0	---	---	17
18	---	---	0B	3.26	0.068	0	0	0	0.067	0	---	---	18
19	---	---	0B	2.71	0.060	0	0	0	0.076	0	---	---	19
20	---	---	0B	2.88	0.037	0	0	0	0.088	0	---	---	20
21	---	---	0B	3.16	0.036	0	0	0	0.104	0	---	---	21
22	---	---	0B	2.81	0.028	0	0	0	0.112	0	---	---	22
23	---	---	0B	1.86	0.023	0	0	0	0.111	0	---	---	23
24	---	---	0B	2.11	0.018	0	0	0	0.113	0	---	---	24
25	---	---	0B	2.37	0.017	0	0	0	0.107	0	---	---	25
26	---	---	0B	2.81	0.018	0	0	0	0.087	0	---	---	26
27	---	---	0B	3.00	0.017	0	0	0	0.067	0	---	---	27
28	---	---	0B	2.14	0.013	0	0	0	0.048	0	---	---	28
29	---		0B	2.13	0.014	0	0	0	0.033	0	---	---	29
30	---		0B	2.28	0.008	0	0	0	0.023	0	---	---	30
31	---		0B		0.008		0	0		0 E		---	31
TOTAL	---	---	0	288.15	8.811	0.043	0	0	1.318	0.979	---	---	TOTAL
MEAN	---	---	0	9.84	0.278	0.001	0	0	0.044	0.003	---	---	MEAN
MAX	---	---	0	33.0	1.90	0.012	0	0	0.113	0.017	---	---	MAX
MIN	---	---	0	1.80	0.008	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.32
MAXIMUM DAILY, 33.0B ON APR 3
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 24 50 N
LONG 111 20 41 W
DRAINAGE AREA, 1 880 km²
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	114
APR	25 000	OCT	5.63
MAY	704	NOV	---
JUN	3.72	DEC	---

TOTAL DISCHARGE, 25 800 dam³

BERRY CREEK NEAR THE MOUTH - STATION NO. 05CN007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 1388	1 75	0.431	0.053	0 338	0 109	0.015	---	---	1
2	---	---	0 B	0.3318	1 82	0.348	0.065	0 336	0 095	0 017	---	---	2
3	---	---	0 B	0 2348	1 78	0 305	0 174	0 172	0 075	0 021	---	---	3
4	---	---	0 B	0 1198	1 76	0.267	0.292	0 112	0 062	0 028	---	---	4
5	---	---	0 B	0 1248	1 32	0 233	0.236	0 088	0 053	0 141	---	---	5
6	---	---	0 B	0 0578	1 33	0 228	0 154	0 038	0 048	0 358	---	---	6
7	---	---	0 B	0 885	1 15	0 349	0 106	0 024	0 049	0 475	---	---	7
8	---	---	0 B	0 831	1 25	0 406	0 068	0 059	0 045	0 822	---	---	8
9	---	---	0 B	0 784	1 14	0 400	0 070	0 088	0 040	0 853	---	---	9
10	---	---	0 B	0 852	0 936	0 498	0 002	0 161	0 040	0 844	---	---	10
11	---	---	0 B	0 589	0 816	0 483	0 105	0 224	0 028	0 405	---	---	11
12	---	---	0 B	3 43	0 751	0 278	1 18	0 298	0 035	0 245	---	---	12
13	---	---	0 0438	10 5	0 681	0 245	0 752	0 328	0 033	0 154	---	---	13
14	---	---	0 0138	11 4	0 691	0 284	0 558	0 285	0 025	0 124	---	---	14
15	---	---	0 0048	11 2	0 804	0 211	0 467	0 884	0 019	0 108	---	---	15
16	---	---	0 0248	11 1	0 871	0 211	0 483	1 24	0 007	0 086	---	---	16
17	---	---	0 0548	10 6	0 895	0 217	0 788	1 50	0 011	0 144	---	---	17
18	---	---	0 0748	9 62	0 719	0 232	0 871	1 51	0 015	0 100	---	---	18
19	---	---	0 0805	3 67	0 580	0 241	0 848	1 42	0 021	0 076	---	---	19
20	---	---	0 2288	3 53	0 446	0 251	1 01	1 40	0 028	0 089	---	---	20
21	---	---	0 2108	1 86	0 323	0 273	1 11	1 15	0 030	0 062	---	---	21
22	---	---	0 1008	2 00	0 278	0 336	1 02	0 583	0 036	0 057	---	---	22
23	---	---	0 0328	3 41	0 314	0 443	0 778	0 357	0 041	0 185	---	---	23
24	---	---	0 0358	3 16	0 358	0 473	0 504	0 305	0 042	0 344	---	---	24
25	---	---	0 1248	3 10	0 313	0 908	0 328	0 278	0 043	0 265	---	---	25
26	---	---	0 0885	3 15	0 485	0 512	0 381	0 242	0 034	0 204	---	---	26
27	---	---	0 0805	3 22	0 460	0 395	0 337	0 204	0 026	0 168	---	---	27
28	---	08	0 0778	3 20	0 423	0 285	0 240	0 180	0 023	0 144	---	---	28
29	---		0 0728	1 81	0 424	0 162	0 348	0 176	0 020	0 127	---	---	29
30	---		0 0828	1 37	0 580	0 077	0 382	0 161	0 020	0 115	---	---	30
31	---		0 0828		0 597		0 363	0 140		0 106A		---	31
TOTAL	---	---	1 516	86 835	25 527	9 686	14 102	13 931	1 153	5 036	---	---	TOTAL
MEAN	---	---	0 049	3 23	0 823	0 320	0 455	0 449	0 038	0 185	---	---	MEAN
MAX	---	---	0 228	11 4	1 82	0 512	1 18	1 51	0 109	0 853	---	---	MAX
MIN	---	---	0	0 119	0 313	0 077	0 002	0 024	0 007	0 017	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 689
MAXIMUM DAILY, 11 4 ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
11 5 AT 06:51 MST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 51 18 N
LONG 111 35 26 W
DRAINAGE AREA, 3 720 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 220
FEB	---	AUG	1 200
MAR	131	SEP	99 6
APR	8 380	OCT	522
MAY	2 210	NOV	---
JUN	826	DEC	---

TOTAL DISCHARGE, 14 600 dam³

BERRY CREEK RESERVOIR NEAR SUNNYNOOK - STATION NO. 05CN014

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	736.833E	729.042	734.228	734.005	733.523	732.885	732.626	732.533	---	---	1
2	---	---	736.833E	729.766	734.227	734.005	733.506	732.860	732.620	732.536	---	---	2
3	---	---	736.833E	730.674	734.216	733.980	733.488	732.857	732.613	732.537	---	---	3
4	---	---	736.833E	732.048	734.208	733.936	733.472	732.841	732.606	732.530	---	---	4
5	---	---	736.833E	732.807	734.194	733.923	733.448	732.827	732.615	732.539	---	---	5
6	---	---	736.833A	733.301	734.177	733.907	733.416	732.817	732.598	732.532	---	---	6
7	---	---	736.836	733.660	734.164	733.884	733.387	732.788	732.593	732.520	---	---	7
8	---	---	736.833	733.881	734.154	733.880	733.351	732.760	732.586	732.514	---	---	8
9	---	---	736.833	734.206	734.147	733.858	733.302	732.771	732.588	732.512	---	---	9
10	---	---	736.839	734.284	734.135	733.842	733.261	732.766	732.583	732.521	---	---	10
11	---	---	736.835	734.272	734.130	733.818	733.211	732.760	732.587	732.521	---	---	11
12	---	---	736.834	734.231	734.148	733.811	733.180	732.739	732.587	732.530	---	---	12
13	---	---	736.834	734.184	734.140	733.800	733.136	732.715	732.580	732.516	---	---	13
14	---	---	736.833	734.137	734.143	733.778	733.100	732.709	732.586	732.515	---	---	14
15	---	---	736.832	734.046	734.126	733.766	733.077	732.701	732.583	732.507	---	---	15
16	---	---	736.833	734.030	734.116	733.748	733.045	732.684	732.580	732.496	---	---	16
17	---	---	736.834	734.074	734.105	733.725	733.022	732.673	732.578	732.475	---	---	17
18	---	---	736.817	734.118	734.107	733.887	733.003	732.684	732.568	732.464	---	---	18
19	---	---	736.821	734.143	734.081	733.880	732.983	732.684	732.581	732.438	---	---	19
20	---	---	736.831	734.146	734.087	733.868	732.985	732.662	732.580	732.442	---	---	20
21	---	---	736.813	734.181	734.088	733.861	732.984	732.662	732.589	732.446	---	---	21
22	---	---	736.810	734.183	734.070	733.843	732.980	732.664	732.587	732.436	---	---	22
23	---	---	736.814	734.189	734.068	733.838	732.930	732.668	732.580	732.437	---	---	23
24	---	---	736.813	734.188	734.068	733.818	732.811	732.680	732.586	732.433	---	---	24
25	---	---	736.813	734.184	734.043	733.828	732.887	732.680	732.581	732.430	---	---	25
26	---	---	736.814	734.188	734.038	733.817	732.883	732.664	732.586	732.438	---	---	26
27	---	---	736.818	734.213	734.038	733.801	732.878	732.661	732.646	732.430	---	---	27
28	---	---	736.824	734.233	734.037	733.786	732.889	732.653	732.633	732.432	---	---	28
29	---		736.834	734.236	734.034	733.789	732.886	732.629	732.628	732.434	---	---	29
30	---		736.843	734.231	734.027	733.839	732.872	732.631	732.634	732.428A	---	---	30
31	---		736.877		734.028		732.864	732.633		732.428E		---	31
MEAN	---	---	736.827	733.881	734.115	733.788	733.119	732.715	732.578	732.481	---	---	MEAN
MAX	---	---	736.877	734.284	734.228	734.005	733.523	732.885	732.626	732.537	---	---	MAX
MIN	---	---	736.810	729.042	734.028	733.839	732.864	732.633	732.528	732.424	---	---	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MAXIMUM DAILY, 734.284 ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 44 N
LONG 111 36 32 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

BERRY CREEK RESERVOIR OUTLET - STATION NO. 05CN011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0	0.1068	1.67	0.025	0.836	0.182	0.003	0	---	---	1
2	---	---	0.0	0.0708	1.30	0.763	0.838	0.189	0.003	0	---	---	2
3	---	---	0.0	0.0438	1.04	2.05	0.841	0.245	0.003	0	---	---	3
4	---	---	0.0	0.0258	1.20	0.831	1.00	0.482	0.001	0	---	---	4
5	---	---	0.0	0.0028	1.21	0.832	1.34	0.473	0.001	0	---	---	5
6	---	---	0.0	0.0018	0.918	0.880	1.33	0.514	0	0	---	---	6
7	---	---	0.0	0 E	0.787A	0.887	1.85	0.508	0	0	---	---	7
8	---	---	0.0	0 E	0.700E	0.885	2.24	0.509	0	0	---	---	8
9	---	---	0.0	4.25 E	0.845E	0.882	2.21	0.521	0.001	0	---	---	9
10	---	---	0.0	13.2	0.800E	0.895	2.20	1.11	0.001	0	---	---	10
11	---	---	0.0	15.5	0.880E	0.927	2.16	1.13	0.001	0	---	---	11
12	---	---	0.0	14.8	0.820E	0.830	2.16	1.01	0.001	0	---	---	12
13	---	---	0.0	13.8	0.688E	0.843	1.87	0.563	0.001	0	---	---	13
14	---	---	0.0	13.4	0.640E	0.826	1.89	0.540	0	0	---	---	14
15	---	---	0.0	9.84	0.408E	0.842	1.80	0.538	0	0.136	---	---	15
16	---	---	0.0	2.76	0.388E	0.828	1.83	0.534	0	0.852	---	---	16
17	---	---	0.0	0.454	0.340E	0.817	1.88	0.527	0	0.835	---	---	17
18	---	---	0.0	0.540	0.319E	0.817	1.81	0.524	0	0.823	---	---	18
19	---	---	0.0	1.07	0.290E	0.822	1.23	0.523	0	0.369	---	---	19
20	---	---	0.0	1.20	0.267E	0.800	0.823	0.378	0	0.010	---	---	20
21	---	---	0.0	0.841	0.245E	0.824	0.808	0.084	0	0.003	---	---	21
22	---	---	0.0	1.19	0.233E	0.714	0.810	0.080	0	0.002	---	---	22
23	---	---	0.0	1.26	0.218E	0.135	0.887	0.032	0	0.001	---	---	23
24	---	---	0.0	1.50	0.211E	0.148	0.822	0.020	0	0.001	---	---	24
25	---	---	0.0	1.86	0.202E	0.181	0.828	0.012	0	0	---	---	25
26	---	---	0.0	1.04	0.188E	0.248	0.840	0.007	0	0	---	---	26
27	---	---	0.0	1.28	0.180E	0.868	0.229	0.004	0	0	---	---	27
28	---	---	0.0	1.63	0.185E	0.823	0.188	0.004	0	0	---	---	28
29	---		0.0	1.81	0.181A	0.829	0.191	0.004	0	0	---	---	29
30	---		0.0	1.52	0.170	0.830	0.187	0.004	0	0	---	---	30
31	---		0.0		0.135		0.186	0.004		0 E		---	31
TOTAL	---	---	0	104.680	16.025	23.786	36.342	11.348	0.014	2.117	---	---	TOTAL
MEAN	---	---	0	3.48	0.517	0.793	1.17	0.388	0	0.088	---	---	MEAN
MAX	---	---	0	15.5	1.67	2.05	2.24	1.13	0.003	0.852	---	---	MAX
MIN	---	---	0	0	0.125	0.025	0.186	0.004	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.793
MAXIMUM DAILY, 15.5 ON APR 11
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
15.6 AT 09:59 MST ON APR 11

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 14 23 N
LONG 111 37 51 W
DRAINAGE AREA, 1 930 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 140
FEB	---	AUG	880
MAR	0	SEP	1.21
APR	9 040	OCT	183
MAY	1 380	NOV	---
JUN	2 060	DEC	---

TOTAL DISCHARGE, 18 800 dam³

BIGELOW RESERVOIR NEAR WIMBORNE - STATION NO. 05CE901

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	882.347E	882.231	882.081	881.871	881.677	881.750	---	---	1
2	---	---	---	882.480A	882.346A	882.228	882.080	881.870	881.673	881.762	---	---	2
3	---	---	---	---	882.340E	882.226	882.040	881.868	881.672	881.756	---	---	3
4	---	---	---	882.618A	882.333E	882.221	882.025	881.885	881.886	881.761	---	---	4
5	---	---	---	---	882.327E	882.218	882.015	881.881	881.868	881.762	---	---	5
6	---	---	---	---	---	882.217	882.001	881.867	881.880	881.763	---	---	6
7	---	---	---	---	882.320E	882.214	881.988	881.864	881.862	881.763	---	---	7
8	---	---	---	---	882.314E	882.214	881.973	881.877	881.858	881.763	---	---	8
9	---	---	---	---	882.307E	882.214	881.973	881.877	881.858	881.763	---	---	9
10	---	---	---	882.418A	882.301E	882.208	881.958	881.875	881.857	881.761	---	---	10
11	---	---	---	---	882.294E	882.202	881.938	881.874	881.852	881.762	---	---	11
12	---	---	---	---	882.288	882.192	881.920	881.873	881.854	881.764	---	---	12
13	---	---	---	883.368A	882.287	882.190	881.902	881.877	881.880	881.764	---	---	13
14	---	---	---	---	882.273	882.183	881.884	881.872	881.734	881.765	---	---	14
15	---	---	---	---	882.281	882.167	881.863	881.867	881.738	881.763	---	---	15
16	---	---	---	---	882.267	882.166	881.848	881.878	881.745	881.765	---	---	16
17	---	---	---	---	882.252	882.162	881.832	881.878	881.781	881.781	---	---	17
18	---	---	---	---	882.249	882.157	881.824	881.870	881.781	881.766	---	---	18
19	---	---	---	---	882.248	882.155	881.815	881.866	881.748	881.765	---	---	19
20	---	---	---	882.335A	882.247	882.155	881.798	881.864	881.749	881.764	---	---	20
21	---	---	---	---	882.246	882.152	881.780	881.866	881.748	881.763	---	---	21
22	---	---	---	---	882.243	882.143	881.782	881.877	881.788	881.783	---	---	22
23	---	---	---	882.045A	882.240	882.143	881.748	881.886	881.784	881.782	---	---	23
24	---	---	---	---	882.236	882.144	881.728	881.894	881.749	881.781	---	---	24
25	---	---	---	---	882.233	882.140	881.714	881.884	881.788	881.777	---	---	25
26	---	---	---	883.352A	882.233	882.131	881.892	881.889	881.783	881.777	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	882.231	882.118	881.887	881.893	881.784	881.777	---	---	28
29	881.453A	---	---	---	882.230	882.103	881.877	881.888	881.787	881.778	---	---	29
30	---	---	---	---	882.231	882.091	881.873	881.887	881.782	881.783	---	---	30
31	---	---	---	---	882.231	882.078	881.882	881.884	881.748	881.778A	---	---	31
					882.231	882.066	881.880	881.885	881.748	881.778E		---	
					882.232		881.874	881.881		881.770E		---	
MEAN	---	---	---	---	882.271	882.170	881.848	881.878	881.716	881.767	---	---	MEAN
MAX	---	---	---	---	882.367	882.231	882.081	881.889	881.784	881.788	---	---	MAX
MIN	---	---	---	---	882.230	882.066	881.873	881.864	881.852	881.750	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 53 15 N
LONG 113 27 50 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

A - MANUAL GAUGE
E - ESTIMATED
REGULATED
DRAINAGE AREA,
613 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DISKNIFE CREEK NEAR SADDBY - STATION NO. 09FC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.46 B	1.21	0.038	0	0	0.008	0	0	---	1
2	---	---	0 B	3.17 B	0.959	0.048	0	0	0.007	0	0	---	2
3	---	---	0 B	5.02 B	0.587	0.046	0	0	0.006	0	0	---	3
4	---	---	0 B	5.00 B	0.543	0.042	0	0	0.002	0	0	---	4
5	---	---	0 B	4.50 B	0.378	0.038	0	0	0	0	0A	---	5
6	---	---	0 B	3.98	0.189	0.041	0	0	0	0	---	---	6
7	---	---	0 B	2.92	0.120	0.034	0	0	0	0	---	---	7
8	---	---	0 B	2.44	0.081	0.033	0	0	0	0	---	---	8
9	---	---	0 B	2.38	0.066	0.028	0	0	0	0	---	---	9
10	---	---	0 B	2.11	0.054	0.022	0	0	0	0	---	---	10
11	---	---	0 B	1.82	0.035	0.016	0	0	0	0	---	---	11
12	---	---	0 B	1.51	0.047	0.013	0	0	0	0	---	---	12
13	---	---	0 B	1.26	0.064	0.012	0	0	0	0	---	---	13
14	---	---	0.0108	1.03	0.192	0.010	0	0	0	0	---	---	14
15	---	---	0.0449	0.941	0.281	0.009	0	0	0	0	---	---	15
16	---	---	0.1438	0.713	0.191	0.006	0	0	0	0	---	---	16
17	---	---	0.5268	0.640	0.245	0.003	0	0	0	0	---	---	17
18	---	---	0.9558	0.671	0.157	0.002	0	0	0	0	---	---	18
19	---	---	1.13 B	0.459	0.074	0.002	0	0	0	0	---	---	19
20	---	---	2.90 B	0.401	0.036	0.001	0	0	0	0	---	---	20
21	---	---	4.03 B	0.376	0.027	0.001	0	0	0	0	---	---	21
22	---	---	3.10 B	0.310	0.024	0.002	0	0.154	0	0	---	---	22
23	---	---	3.04 B	0.341	0.027	0.001	0	0.087	0	0	---	---	23
24	---	---	2.73 B	0.895	0.027	0.001	0	0.040	0	0	---	---	24
25	---	---	2.09 B	1.10	0.036	0.001	0	0.027	0	0	---	---	25
26	---	---	1.84 B	2.33	0.021	0	0	0.018	0	0	---	---	26
27	---	---	1.60 B	3.24	0.021	0	0	0.014	0	0	---	---	27
28	---	---	1.04 B	3.09	0.028	0	0	0.013	0	0	---	---	28
29	---		0.6458	2.14	0.034	0	0	0.011	0	0	---	---	29
30	---		0.7258	1.51	0.025	0	0	0.010	0	0	---	---	30
31	---		1.08 B		0.025		0	0.009		0		---	31
TOTAL	---	---	27.639	57.288	5.590	0.450	0	0.383	0.023	0	---	---	TOTAL
MEAN	---	---	0.892	1.91	0.180	0.015	0	0.012	0.001	0	---	---	MEAN
MAX	---	---	4.03	5.02	1.21	0.048	0	0.154	0.008	0	---	---	MAX
MIN	---	---	0	0.310	0.021	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.373
MAXIMUM DAILY, 5.020 ON APR 3
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 36 04 N
LONG 113 21 18 W
DRAINAGE AREA, 233 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	33.1
MAR	2 390	SEP	1 99
APR	4 950	OCT	0
MAY	483	NOV	---
JUN	38.9	DEC	---

TOTAL DISCHARGE, 7 900 dam³

BIRCH CREEK NEAR CONKLIN - STATION NO. 07CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2108	0.2808	4.96	2.24	0.708	0.0858	1.18	1.84 E	---	---	1
2	---	---	0.2118	0.2888	4.80	2.35	0.529	0.0808	1.18	1.83 E	---	---	2
3	---	---	0.2128	0.2968	4.73	2.42	0.508	0.0828	1.20	1.82 E	---	---	3
4	---	---	0.2128	0.3028	5.32	2.44	0.430	0.0888	1.48	1.81 E	---	---	4
5	---	---	0.2138	0.3188	5.45	2.50	0.278	0.0708	0.815	1.80 E	---	---	5
6	---	---	0.2138	0.3338	11.8	2.51	0.264E	0.072E	0.914	1.84 E	---	---	6
7	---	---	0.2148	0.3508	13.4	3.02	0.240E	0.077E	0.735	1.55 E	---	---	7
8	---	---	0.2148	0.3688	12.4	1.82	0.220E	0.080E	0.780	1.54 E	---	---	8
9	---	---	0.2148	0.3888	11.7	1.50	0.204E	0.088E	0.809	1.52 E	---	---	9
10	---	---	0.2158	0.4108	11.0	1.38	0.190E	0.090E	0.810	1.50 E	---	---	10
11	---	---	0.2158	0.4368	10.4	1.30	0.170E	0.095E	1.13	1.47 E	---	---	11
12	---	---	0.2168	0.4668	9.78	1.01	0.158E	0.102E	1.44	1.44 E	---	---	12
13	---	---	0.2178	0.4958	9.18	0.853	0.140E	0.120E	1.45	1.42 E	---	---	13
14	---	---	0.2188	0.5308	8.68	0.711	0.130E	0.130E	1.59	1.39 E	---	---	14
15	---	---	0.2208	0.5708	7.89	0.617	0.120E	0.138E	1.60	1.35 E	---	---	15
16	---	---	0.2218	0.6208	7.43	0.592	0.110E	0.150E	1.58 A	1.22 E	---	---	16
17	---	---	0.2218	0.6708	8.87	0.804	0.100E	0.160E	1.60 E	0.880E	---	---	17
18	---	---	0.2228	0.7308	8.31	0.928	0.087E	0.170E	1.62 E	0.660E	---	---	18
19	---	---	0.2248	0.8008	5.73	0.448	0.090E	0.180E	1.63 E	0.780E	---	---	19
20	---	---	0.2268	0.8888	5.34	0.375	0.088E	0.200E	1.64 E	0.710E	---	---	20
21	---	---	0.2308	1.00 B	4.83	0.444	0.080E	0.208E	1.65 E	0.645E	---	---	21
22	---	---	0.2328	1.14 B	4.36	0.473	0.078E	0.217E	1.66 E	0.600E	---	---	22
23	---	---	0.2368	1.30 B	4.08	0.484	0.070E	0.451	1.67 E	0.590E	---	---	23
24	---	---	0.2398	1.52 B	3.88	0.847	0.068E	0.866	1.67 E	0.515E	---	---	24
25	---	---	0.2438	1.88 B	3.20	1.78	0.063E	0.923	1.66 E	0.488E	---	---	25
26	---	---	0.2488	2.50 B	2.76	2.13	0.080E	1.04	1.66 E	0.470E	---	---	26
27	---	---	0.2528	3.46 B	2.19	1.83	0.085E	1.08	1.67 E	0.425E	---	---	27
28	---	---	0.2568	5.20 B	2.04	1.80	0.080E	1.13	1.67 E	0.400E	---	---	28
29	---		0.2038	5.85	1.95	1.33	0.080E	1.13	1.67 E	0.380E	---	---	29
30	---		0.2668	5.49	1.84	0.847	0.085E	1.13	1.66 E	0.365E	---	---	30
31	---		0.2738		1.68		0.088E	1.13		0.347E		---	31
TOTAL	---	---	7.089	38.858	197.91	39.729	5.433	11.248	41.844	32.822	---	---	TOTAL
MEAN	---	---	0.234	1.30	6.38	1.32	0.175	0.363	1.39	1.05	---	---	MEAN
MAX	---	---	0.273	5.85	12.4	2.81	0.708	1.23	1.66	1.84	---	---	MAX
MIN	---	---	0.210	0.280	1.68	0.375	0.060	0.080	0.735	0.347	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.53
MAXIMUM DAILY, 13.4 ON MAY 7
MINIMUM DAILY, 0.060E ON JUL 28
MAXIMUM INSTANTANEOUS,
13.3 AT 14:30 MDT ON MAY 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 37 07 N
LONG 111 05 09 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	488
FEB	---	AUG	972
MAR	611	SEP	3 820
APR	3 380	OCT	3 620
MAY	17 100	NOV	---
JUN	3 430	DEC	---

TOTAL DISCHARGE, 32 400 dam³

BIRCH RIVER BELOW ALICE CREEK - STATION NO 07XE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 750	1 75 B	0 6500	0.8000	323	71 00	14 8	3 01	3 86	10 9	10 5 B	3 350	1
2	2 800	1 80 B	0 6300	0 6300	345 A	66 00	12 5	3 90	3 20	10 6	13 5 B	3 100	2
3	2 500	1 80 B	0 6000	0 6500	366	60 00	13 1	3 81	3 41	10 4	12 6 B	3 080	3
4	2 400	1 70 B	0 6000	0 8000	385	57 00	11 7	3 71	3 33	10 5	11 0 B	3 000	4
5	2 300	1 60 B	0 6000	0 9310	332	52 00	11 0	3 08	3 36	20 0	10 5 B	3 000	5
6	2 300	1 50 B	0 6300	1 10 B	376	49 00	9 58	2 75	3 49	21 4	10 0 B	2 820	6
7	2 100	1 40 B	0 6800	1 25 B	373	46 00	8 33	2 65	3 67	22 0	9 500	2 760	7
8	1 850	1 30 B	0 6800	1 50 B	370	43 00	7 42	2 50	3 87	22 0	9 000	2 680	8
9	1 700	1 20 B	0 6900	1 70 B	373	41 00	6 77	2 59	4 00	22 0	8 500	2 610	9
10	1 600	1 10 B	0 6800	1 85 B	378	36 00	6 23	2 81	4 01	23 3	8 000	2 540	10
11	1 550	1 00 B	0 6800	2 00 B	330 E	35 00	5 70	2 44	3 93	22 6	7 600	2 490	11
12	1 500	0 9500	0 6850	2 20 B	300 E	34 00	5 39	2 41	3 84	25 6	7 200	2 400	12
13	1 470	0 9000	0 7010	2 35 B	280 E	32 00	5 03	2 38	3 73	30 7	6 900	2 300	13
14	1 500	0 8500	0 7050	2 50 B	280 E	30 00	4 80	2 33	3 83	31 8	6 650	2 220	14
15	1 550	0 8000	0 7050	2 75 B	262 E	28 00	4 65	2 27	3 80	33 4	6 100	2 200	15
16	1 590	0 7800	0 7050	3 00 B	235 E	26 5	4 45	2 22	3 87	35 3	5 800	2 220	16
17	1 700	0 7500	0 7050	3 40 B	210 E	24 4	4 25	2 13	5 23	34 3	5 500	2 180	17
18	1 800	0 7300	0 7050	3 80 B	188 E	23 0	4 16	2 08	6 37	37 0	5 300	2 130	18
19	1 800	0 7000	0 7050	4 50 B	172 E	21 9	4 08	1 98	10 6	37 1	5 100	2 100	19
20	1 800	0 6500	0 7050	5 50 B	186 E	20 0	3 91	1 95	11 3	36 5	4 900	2 050	20
21	1 800	0 6000	0 7050	8 00 B	163 E	19 4	3 70	1 94	12 7	35 7	4 700	2 010	21
22	1 800	0 6000	0 7050	12 0 B	133 E	18 1	3 63	1 94	14 2	34 6	4 500	1 950	22
23	1 800	0 6000	0 7050	17 0 B	121 E	17 1	3 64	1 91	15 2	33 5	4 350	1 900	23
24	1 800	0 6000	0 7050	23 0 B	110 E	17 1	3 56	1 85	15 4	31 8	4 150	1 850	24
25	1 800	0 6300	0 7050	45 0 B	102 E	18 0	3 69	1 83	17 1	28 0	4 000	1 750	25
26	1 750	0 6500	0 7100	60 0 E	93 OE	20 7	3 62	1 83	17 9	26 7	3 870	1 700	26
27	1 700	0 6800	0 7300	119 E	85 OE	21 0	3 38	1 81	16 5	21 1	3 750	1 650	27
28	1 750	0 7000	0 7500	184 A	80 OE	20 1	3 25	1 84	19 2	18 6	3 610	1 600	28
29	1 750		0 7600	185	76 OE	18 4	3 30	2 02	19 4	18 05	3 500	1 550	29
30	1 750		0 7750	183	74 OE	16 5	3 28	2 30	19 8	17 08	3 400	1 500	30
31	1 750		0 7800		74 OE		3 16	2 34		15 78		1 450	31
TOTAL	57 75	35 455	21 471	572 711	6 677 0	985 6	155 70	71 19	383 77	813 4	209 13	70 34	TOTAL
MEAN	1 85	1 02	0 693	20 1	215	32 9	5 02	2 30	6 79	26 2	6 97	2 27	MEAN
MAX	2 75	1 80	0 780	183	378	71 0	14 8	3 01	19 8	37 1	13 5	3 35	MAX
MIN	1 47	0 690	0 650	0 800	74 0	16 5	3 16	1 81	2 86	15 7	3 60	1 45	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28 1
MAXIMUM DAILY, 378 ON MAY 10
MINIMUM DAILY, 0 6000 ON FEB 21
MAXIMUM INSTANTANEOUS,
384 AT 10 30 MST ON MAY 5

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 16 40 N
LONG 113 04 05 W
DRAINAGE AREA, 9 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 930	JUL	15 100
FEB	3 400	AUG	6 150
MAR	1 830	SEP	33 800
APR	75 400	OCT	70 300
MAY	577 000	NOV	18 100
JUN	85 300	DEC	8 080

TOTAL DISCHARGE, 837 000 dam³

BLACKMUD CREEK NEAR ELLERSLIE - STATION NO 05DF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	10 0 B	2 48	0 059	0 029	0	0 005	0 034	0 0068	---	1
2	---	---	0 B	13 8 B	2 36	0 052	0 017	0	0 005	0 017	0 0078	---	2
3	---	---	0 B	16 8	2 16	0 048	0 013	0 010	0 003	0 017	0 0078	---	3
4	---	---	0 B	17 2	1 96	0 057	0 013	0 011	0 002	0 016	0 0068	---	4
5	---	---	0 B	16 8	1 19	0 067	0 012	0 008	0 003	0 017	---	---	5
6	---	---	0 B	15 9	1 20	0 051	0 009	0 005	0 003	0 018	---	---	6
7	---	---	0 0808	14 6	1 01	0 043	0 008	0 005	0 004	0 013	---	---	7
8	---	---	0 1708	13 2	0 871	0 038	0 006	0 005	0 006	0 013	---	---	8
9	---	---	0 2308	12 1	0 805	0 027	0 006	0 070	0 004	0 011	---	---	9
10	---	---	0 3408	11 2	0 704	0 020	0 004	0 478	0 003	0 010	---	---	10
11	---	---	0 4808	10 2	0 671	0 017	0 003	0 313	0 035	0 010	---	---	11
12	---	---	0 5008	9 24	0 600	0 013	0 010	0 134	0 033	0 010	---	---	12
13	---	---	0 5008	8 03	0 617	0 013	0 014	0 135	0 038	0 010	---	---	13
14	---	---	1 05 B	7 00	0 436	0 013	0 003	0 055	0 037	0 010	---	---	14
15	---	---	1 35 B	6 03	0 376	0 013	0 008	0 235	0 060	0 021	---	---	15
16	---	---	1 85 B	5 19	0 389	0 013	0 005	0 553	0 068	0 014	---	---	16
17	---	---	2 05 B	4 81	0 381	0 010	0 008	0 397	0 033	0 010	---	---	17
18	---	---	2 64 B	4 06	0 284	0 014	0 005	0 138	0 019	0 034	---	---	18
19	---	---	3 70 B	3 80	0 238	0 011	0 004	0 073	0 026	0 032	---	---	19
20	---	---	3 80 B	3 96	0 196	0 011	0 005	0 068	0 023	0 034	---	---	20
21	---	---	1 35 B	3 80	0 138	0 008	0 005	0 042	0 023	0 016	---	---	21
22	---	---	0 9708	3 12	0 107	0 013	0 003	0 033	0 032	0 013	---	---	22
23	---	---	0 8708	2 81	0 073	0 034	0 001	0 021	0 141	0 011	---	---	23
24	---	---	1 10 B	4 06	0 093	0 358	0 003	0 017	0 088	0 008	---	---	24
25	---	---	1 77 B	3 78	0 087	0 401	0 001	0 018	0 088	0 007	---	---	25
26	---	---	3 86 B	3 80	0 082	0 232	0	0 012	0 071	0 008	---	---	26
27	---	---	2 77 B	3 11	0 078	0 116	0	0 008	0 052	0 008	---	---	27
28	---	---	2 37 B	3 17	0 080	0 087	0	0 005	0 035	0 005	---	---	28
29	---		2 72 B	3 15	0 084	0 087	0	0 005	0 038	0 010	---	---	29
30	---		4 02 B	3 03	0 088	0 080	0	0 005	0 089	0 010	---	---	30
31	---		5 89 B		0 083		0	0 014		0 009	---	---	31
TOTAL	---	---	43 788	233 84	18 087	1 918	0 303	3 087	1 160	0 487	---	---	TOTAL
MEAN	---	---	1 41	7 79	0 819	0 064	0 007	0 099	0 039	0 015	---	---	MEAN
MAX	---	---	5 89	17 2	2 48	0 401	0 029	0 555	0 141	0 034	---	---	MAX
MIN	---	---	0	3 03	0 058	0 008	0	0	0 003	0 008	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 20
MAXIMUM DAILY, 17 2 ON APR 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
17 8 AT 19 10 MST ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 24 50 N
LONG 113 30 56 W
DRAINAGE AREA, 843 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	17 5
FEB	---	AUG	284
MAR	3 780	SEP	98 4
APR	39 200	OCT	46 3
MAY	1 650	NOV	---
JUN	168	DEC	---

TOTAL DISCHARGE, 39 200 dam³

BLINDMAN RIVER NEAR BLACKFALDS - STATION NO. 05CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1600	0.2000	0.2500	11.3 B	6.72	1.49	0.870	0.180	M.248	2.39	0.7100	0.4000	1
2	0.1600	0.2000	0.2500	36.7 B	7.41	1.35	0.702	0.180	M.213	2.36	0.7200	0.4000	2
3	0.1700	0.2000	0.2500	51.7 B	6.46	1.18	0.590	0.266	M.236	2.06	0.7260	0.4000	3
4	0.1700	0.2000	0.2500	46.7 B	5.67	0.998	0.476	0.210	M.237	1.86	0.7140	0.3950	4
5	0.1800	0.2000	0.2500	41.4 B	5.02	0.914	0.377	0.270	M.272	1.72	0.6100	0.3950	5
6	0.1900	0.2000	M.2500	34.5 B	4.55	0.938	M.304	0.184	0.321	1.50	M.5730	0.3950	6
7	0.2000	0.2000	M.2500	32.6 B	4.24	0.796	M.229	0.168	0.301	1.46	M.6120	0.3900	7
8	0.2100	0.2000	M.2500	31.5 B	3.63	0.685	M.176	0.377	0.266	1.31	M.5590	0.3900	8
9	0.2100	0.2000	M.2500	32.3	3.19	0.760	M.180	0.385	0.226	1.22	M.5100	0.3850	9
10	0.2200	0.2000	0.2500	33.3	2.90	0.986	M.139	0.345	0.221	1.15	M.4600	0.3850	10
11	0.2200	M.2100	M.2400	31.1	3.01	1.22	0.898	0.305	0.233	1.08	0.4060	0.3820	11
12	0.2200	M.2100	M.2300	30.3	2.49	1.27	0.123	0.497	0.321	1.07	0.3950	0.3780	12
13	0.2200	M.2100	M.2700	29.3	2.28	1.17	0.139	0.498	1.27	1.02	0.3900	0.3730	13
14	0.2200	M.2100	M.4500	26.4	2.14	0.987	0.116	0.581	5.62	0.970	0.3880	0.3700	14
15	0.2200	M.2200	M.5500	24.0	1.99	0.824	0.089	0.700	9.34	1.01	0.3530	0.3648	15
16	0.2100	0.2200	0.6100	19.6	1.79	0.777	0.082	0.784	5.84	0.996	0.3698	0.3560	16
17	0.2100	0.2200	0.6400	15.5	1.60	0.662	0.109	0.671	4.39	1.06	0.3260	M.3550	17
18	0.2100	0.2300	0.6700	12.5	1.45	0.529	0.110	0.546	3.49	1.16	0.3000	M.3500	18
19	0.2100	0.2300	0.6900	10.4	1.32	0.429	0.116	0.512	2.89	1.22	0.4000	M.3450	19
20	0.2100	0.2400	1.70 B	8.83	1.19	0.797	0.136	0.552	2.48	1.25	0.4300	M.3400	20
21	0.2100	0.2400	3.46 B	7.40	1.12	0.727	M.092	0.856	2.20	1.25	0.4200	M.3360	21
22	0.2100	0.2500	3.40 B	6.56	1.55	0.627	M.266	1.06	2.05	1.22	0.4200	M.3310	22
23	0.2000	0.2500	3.40 B	5.22	1.25	0.522	M.554	0.927	1.84	1.20	0.4200	M.3270	23
24	0.2000	0.2500	3.40 B	5.78	0.988	0.472	M.472	0.769	1.74	1.20	0.4150	M.3220	24
25	0.2000	0.2500	3.40 B	8.18	0.893	0.471	M.266	0.666	1.98	1.16	0.4150	M.3180	25
26	0.2000	0.2500	2.37 B	13.7	1.30	1.82	0.168	0.605	2.26	1.13	0.4150	0.3140	26
27	0.2000	0.2500	2.04 B	13.2	1.35	1.56	0.139	0.629	2.69	1.12	0.4100	0.3100	27
28	0.2000	0.2500	1.88 B	12.8	1.51	1.63	0.115	0.585	2.51	1.10	0.4100	0.3050	28
29	0.2000		1.52 B	11.6	1.54	1.36	0.278	0.497	2.69	0.946	0.4050	0.3010	29
30	0.2000		1.24 B	10.4	1.47	1.05	0.359	0.409	2.55	0.790	0.4050	0.2988	30
31	0.2000		2.01 B		1.42		0.246	0.332		0.756		0.2920	31
TOTAL	6.240	5.180	38.840	692.96	85.420	29.862	7.984	15.678	60.998	40.138	13.706	11.001	TOTAL
MEAN	0.201	0.221	1.19	21.8	2.76	0.989	0.258	0.506	2.02	1.29	0.457	0.355	MEAN
MAX	0.220	0.250	3.40	51.7	6.72	1.63	0.870	1.06	9.34	2.39	0.726	0.400	MAX
MIN	0.180	0.200	0.250	5.23	0.988	0.471	0.089	0.168	0.213	0.756	0.253	0.292	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.65
MAXIMUM DAILY, 51.70 ON APR 3
MINIMUM DAILY, 0.089 ON JUL 15

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 21 14 N
LONG 113 47 35 W
DRAINAGE AREA, 1 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	539	JUL	691
FEB	535	AUG	1 350
MAR	3 180	SEP	5 240
APR	56 400	OCT	3 470
MAY	7 380	NOV	1 180
JUN	2 560	DEC	950

TOTAL DISCHARGE, 83 500 dam³

BLINDMAN RIVER NEAR BLUFFTON - STATION NO. 05CC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0670	3.030	3.63	0.266	0.096	0.006	0.174	0.917	---	---	1
2	---	---	0.0670	3.900	3.22	0.224	0.093	0.003	0.145	0.780	---	---	2
3	---	---	0.0670	13.4 B	2.82	0.202	0.076	0.001	0.181	0.593	---	---	3
4	---	---	0.0603	6.600	2.61	0.230	0.059	0.067	0.174	0.626	---	---	4
5	---	---	0.0589	4.940	2.17	0.246	0.054	0.093	0.168	0.537	---	---	5
6	---	---	0.0489	7.720	1.69	0.278	0.053	0.035	0.196	0.473	---	---	6
7	---	---	0.0369	10.3 B	1.44	0.370	0.040	0.024	0.180	0.462	---	---	7
8	---	---	0.0670	11.6 B	0.885	0.311	0.029	0.087	0.188	0.433	---	---	8
9	---	---	0.0960	10.5	0.853	0.304	0.016	0.032	0.174	0.460	---	---	9
10	---	---	0.1229	10.0	0.893	0.242	0.012	0.036	0.174	0.433	---	---	10
11	---	---	0.1908	10.3	0.772	0.189	0.006	0.037	0.203	0.481	---	---	11
12	---	---	0.1789	10.1	0.666	0.178	0.010	0.043	0.211	0.473	---	---	12
13	---	---	0.2070	17.3	0.561	0.158	0.006	0.036	4.13	0.469	---	---	13
14	---	---	0.2350	14.7	0.437	0.208	0.010	0.031	2.56	0.466	---	---	14
15	---	---	0.1340	13.0	0.422	0.178	0.044	0.035	1.89	0.473	---	---	15
16	---	---	0.1138	8.69	0.350	0.162	0.056	0.040	1.68	0.510	---	---	16
17	---	---	0.2288	7.12	0.286	0.116	0.048	0.048	1.42	0.958	---	---	17
18	---	---	0.9430	6.23	0.286	0.116	0.048	0.053	1.14	0.795	---	---	18
19	---	---	0.7598	4.66	0.278	0.116	0.025	0.050	1.11	0.648	---	---	19
20	---	---	0.9748	4.61	0.286	0.112	0.041	0.038	1.07	0.627	---	---	20
21	---	---	0.9748	4.01	0.178	0.117	0.038	0.048	1.02	0.626	---	---	21
22	---	---	0.7598	3.84	0.127	0.131	0.041	0.071	1.13	0.633	---	---	22
23	---	---	0.5698	4.51	0.152	0.180	0.044	0.080	1.18	0.481	---	---	23
24	---	---	0.5218	5.84	0.124	0.386	0.035	0.080	1.30	0.4300	---	---	24
25	---	---	0.9128	8.41	0.124	0.378	0.048	0.067	1.89	0.4048	---	---	25
26	---	---	0.3838	7.67	0.904	0.258	0.047	0.080	1.26	0.3768	---	---	26
27	---	---	0.2668	7.01	0.412	0.116	0.027	0.080	1.50	0.3478	---	---	27
28	---	---	0.2908	6.01	0.347	0.117	0.020	0.103	1.27	0.3008	---	---	28
29	---	---	0.3978	4.98	0.361	0.116	0.003	0.140	1.10	0.3008	---	---	29
30	---	---	0.4338	4.17	0.363	0.108	0.002	0.174	0.950	0.3148	---	---	30
31	---	---	0.7318		0.316		0.001	0.210		0.3238		---	31
TOTAL	---	---	10.391	200.32	27.726	6.138	1.147	1.881	29.474	15.065	---	---	TOTAL
MEAN	---	---	0.336	6.90	0.894	0.204	0.037	0.063	0.982	0.487	---	---	MEAN
MAX	---	---	0.974	10.3	3.63	0.386	0.096	0.210	4.13	0.917	---	---	MAX
MIN	---	---	0.038	3.03	0.124	0.108	0.001	0.001	0.145	0.300	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.67
MAXIMUM DAILY, 10.3 ON APR 11
MINIMUM DAILY, 0.001 ON JUL 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 46 33 N
LONG 114 17 03 W
DRAINAGE AREA, 353 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	99.1
FEB	---	AUG	168
MAR	895	SEP	2 690
APR	23 200	OCT	1 300
MAY	3 400	NOV	---
JUN	839	DEC	---

TOTAL DISCHARGE, 31 100 dam³

BLOOD INDIAN CREEK NEAR CABIN LAKE - STATION NO. 06CK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0	0.0010	0.071	0.019	0	0	0	0	---	---	1
2	---	---	0.0	0.0050	0.056	0.017	0	0	0	0	---	---	2
3	---	---	0.0	1.50 E	0.043	0.015	0	0	0	0	---	---	3
4	---	---	0.0	3.10 E	0.033	0.012	0	0	0	0	---	---	4
5	---	---	0.0	2.60 E	0.031	0.009	0	0	0	0	---	---	5
6	---	---	0.0	2.30	0.024	0.007	0	0	0	0	---	---	6
7	---	---	0.0	2.30	0.020	0.005	0	0	0	0	---	---	7
8	---	---	0.0	1.85	0.014	0.003	0	0	0	0	---	---	8
9	---	---	0.0	1.85	0.010	0.002	0	0	0	0	---	---	9
10	---	---	0.0	1.54	0.006	0	0	0	0	0	---	---	10
11	---	---	0.0	1.26	0.008	0	0	0	0	0	---	---	11
12	---	---	0.0	0.858	0.044	0	0	0	0	0	---	---	12
13	---	---	0.0	0.685	0.054	0	0	0	0	0	---	---	13
14	---	---	0.0	0.587	0.060	0	0	0	0	0	---	---	14
15	---	---	0.0	0.390	0.085	0	0	0	0	0	---	---	15
16	---	---	0.0	0.268	0.080	0	0	0	0	0	---	---	16
17	---	---	0.0	0.255	0.078	0	0	0	0	0	---	---	17
18	---	---	0.0	0.207	0.074	0	0	0	0	0	---	---	18
19	---	---	0.0	0.160	0.075	0	0	0	0	0	---	---	19
20	---	---	0.0	0.224	0.083	0	0	0	0	0	---	---	20
21	---	---	0.0	0.196	0.083	0	0	0	0	0	---	---	21
22	---	---	0.0	0.143	0.085	0	0	0	0	0	---	---	22
23	---	---	0.0	0.120	0.081	0	0	0	0	0	---	---	23
24	---	---	0.0	0.100	0.051	0	0	0	0	0	---	---	24
25	---	---	0.0	0.133	0.090	0	0	0	0	0	---	---	25
26	---	---	0.0	0.124	0.060	0	0	0	0	0	---	---	26
27	---	---	0.0	0.115	0.041	0	0	0	0	0	---	---	27
28	---	---	0.0	0.085	0.035	0	0	0	0	0	---	---	28
29	---		0.0	0.093	0.031	0	0	0	0	GA	---	---	29
30	---		0.0	0.094	0.028	0	0	0	0	GE	---	---	30
31	---		0.0		0.034		0	0		GE		---	31
TOTAL	---	---	0	23.489	1.430	0.035	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.783	0.046	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	0	3.10	0.085	0.019	0	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0.008	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.102
MAXIMUM DAILY, 3.100 ON APR 4
MINIMUM DAILY, 0.0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 05 00 N
LONG 111 14 19 W
DRAINAGE AREA, 330 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	2 030	OCT	0
MAY	126	NOV	---
JUN	7.89	DEC	---

TOTAL DISCHARGE, 2 160 dam³

BLOOD INDIAN CREEK NEAR THE MOUTH - STATION NO. 06CK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0	0.056	0.008	0.005	0.002	0.001	0.003E	0.006	---	---	1
2	---	---	0.0	0.050	0.008	0.005	0.002	0.001	0.003E	0.006	---	---	2
3	---	---	0.0	0.018	0.008	0.005	0.002	0.001	0.003E	0.006	---	---	3
4	---	---	0.0	0.008	0.007	0.005	0.002	0.001	0.003E	0.006	---	---	4
5	---	---	0.0	0.93	0.007	0.005	0.003	0.001	0.005E	0.006	---	---	5
6	---	---	0.0	3.10	0.008	0.005	0.003	0.002	0.004E	0.006	---	---	6
7	---	---	0.0	3.20	0.008	0.005	0.003	0.001	0.003E	0.006	---	---	7
8	---	---	0.0	1.90	0.008	0.005	0.003	0.002	0.003E	0.006	---	---	8
9	---	---	0.0	1.44	0.008	0.005	0.002	0.002	0.003E	0.006	---	---	9
10	---	---	0.0	1.38	0.008	0.005	0.002	0.003	0.003A	0.007	---	---	10
11	---	---	0.0010	1.08	0.005	0.004	0.002	0.001	0.003	0.006	---	---	11
12	---	---	0.0050	0.888	0.005	0.004	0.002	0.001	0.003	0.006	---	---	12
13	---	---	0.0030	0.857	0.005	0.004	0.003	0.001	0.002	0.006	---	---	13
14	---	---	0.0030	0.482	0.005	0.004	0.003	0.002	0.003	0.006	---	---	14
15	---	---	0.0070	0.319	0.006	0.004	0.002	0.003	0.003	0.006	---	---	15
16	---	---	0.010	0.188	0.006	0.003	0.003	0.003	0.003	0.005	---	---	16
17	---	---	0.021	0.130	0.005	0.003	0.003	0.001	0.004	0.004	---	---	17
18	---	---	0.055	0.084	0.006	0.003	0.003	0.001	0.004	0.004	---	---	18
19	---	---	0.203	0.072	0.006	0.003	0.003	0.001	0.004	0.004	---	---	19
20	---	---	0.054	0.013	0.006	0.003	0.003	0.001A	0.004	0.004	---	---	20
21	---	---	0.432	0.009	0.006	0.003	0.003	0.0038	0.003	0.004	---	---	21
22	---	---	0.067	0.006	0.006	0.003	0.003	0.0043	0.006	0.003	---	---	22
23	---	---	0.030	0.007	0.005	0.003	0.003	0.0038	0.004	0.003	---	---	23
24	---	---	0.019	0.007	0.005	0.002	0.003	0.0038	0.005	0.003	---	---	24
25	---	---	0.010	0.008	0.005	0.003	0.003	0.0038	0.005	0.003	---	---	25
26	---	---	0.020	0.007	0.006	0.003	0.003	0.0038	0.004	0.003	---	---	26
27	---	---	0.022	0.007	0.005	0.002	0.003	0.0038	0.004	0.003	---	---	27
28	---	---	0.010	0.006	0.005	0.003	0.003	0.0038	0.005	0.003A	---	---	28
29	---		0.006	0.006	0.005	0.003	0.003	0.0038	0.005	0.003E	---	---	29
30	---		0.007	0.006	0.005	0.003	0.003	0.0048	0.005	0.003E	---	---	30
31	---		0.008		0.005		0.003	0.0038		0.003E		---	31
TOTAL	---	---	1.408	20.104	0.170	0.108	0.078	0.058	0.108	0.140	---	---	TOTAL
MEAN	---	---	0.045	0.670	0.006	0.004	0.003	0.002	0.004	0.005	---	---	MEAN
MAX	---	---	0.454	3.02	0.007	0.005	0.003	0.005	0.005	0.006	---	---	MAX
MIN	---	---	0	0.006	0.005	0.002	0.002	0.001	0.003	0.003	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.039
MAXIMUM DAILY, 3.02 ON APR 9
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
10.1 AT 03:47 MST ON APR 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 57 20 N
LONG 111 03 30 W
DRAINAGE AREA, 885 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6.05
FEB	---	AUG	5.70
MAR	121	SEP	8.33
APR	1 740	OCT	12.1
MAY	14.7	NOV	---
JUN	9.18	DEC	---

TOTAL DISCHARGE, 1 930 dam³

BOUNTIFUL COULEE INFLOW NEAR CRANFORD - STATION NO. 05AG026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	***	***	***	***	0.002	0.108	0.264	0.168	0.033	0.072	0.001	***	1
2	***	***	***	***	0.001	0.086	0.278	0.245	0.032	0.046	0.001	***	2
3	***	***	***	***	0.001	0.047	0.233	0.242	0.036	0.052	0.001	***	3
4	***	***	***	***	0.001	0.124	0.284	0.280	0.075	0.056	0.001	***	4
5	***	***	***	***	0.001	0.185	0.257	0.207	0.031	0.028	0.001	***	5
6	***	***	***	***	0.001	0.180	0.242	0.304	0.035	0.020	0.001	***	6
7	***	***	***	***	0.001	0.157	0.272	0.238	0.038	0.035	***	***	7
8	***	***	***	***	0.001	0.185	0.286	0.192	0.022	0.020	***	***	8
9	***	***	***	***	0.001	0.185	0.255	0.218	0.024	0.017	***	***	9
10	***	***	***	***	0.001	0.193	0.283	0.232	0.025	0.012	***	***	10
11	***	***	***	***	0.001	0.178	0.283	0.288	0.027	0.013	***	***	11
12	***	***	***	***	0.005	0.184	0.313	0.170	0.043	0.001	***	***	12
13	***	***	***	***	0.034	0.214	0.421	0.114	0.074	0.001	***	***	13
14	***	***	***	***	0.039	0.378	0.396	0.122	0.062	0.001	***	***	14
15	***	***	***	***	0.035	0.283	0.301	0.156	0.038	0.001	***	***	15
16	***	***	***	***	0.031	0.326	0.252	0.187	0.021	0.001	***	***	16
17	***	***	***	***	0.090	0.376	0.446	0.162	0.017	0.001	***	***	17
18	***	***	***	0.0018	0.141	0.327	0.329	0.194	0.015	0.001	***	***	18
19	***	***	***	***	0.327	0.378	0.255	0.201	0.018	0.001	***	***	19
20	***	***	***	***	0.139	0.268	0.265	0.200	0.008	0.001	***	***	20
21	***	***	***	***	0.087	0.284	0.336	0.145	0.007	0.001	***	***	21
22	***	***	***	***	0.037	0.258	0.313	0.090	0.007	0.001	***	***	22
23	***	***	***	***	0.084	0.263	0.268	0.077	0.007	0.001	***	***	23
24	***	***	***	***	0.184	0.271	0.237	0.086	0.007	0.001	***	***	24
25	***	***	***	***	0.180	0.301	0.304	0.041	0.011	0.001	***	***	25
26	***	***	***	***	0.084	0.326	0.338	0.054	0.023	0.001	***	***	26
27	***	***	***	***	0.074	0.256	0.302	0.048	0.025	0.001	***	***	27
28	***	***	***	***	0.051	0.284	0.262	0.047	0.025	0.001	***	***	28
29	***		***	***	0.047	0.280	0.272	0.044	0.026	0.001	***	***	29
30	***		***	***	0.048	0.306	0.294	0.038	0.042	0.001	***	***	30
31	***		***	0.002A	0.078		0.307	0.034		0.001		***	31
TOTAL	***	***	***	***	1.881	6.982	8.857	5.036	0.809	0.389	***	***	TOTAL
MEAN	***	***	***	***	0.084	0.233	0.278	0.162	0.027	0.013	***	***	MEAN
MAX	***	***	***	***	0.327	0.378	0.446	0.350	0.075	0.072	***	***	MAX
MIN	***	***	***	***	0.001	0.047	0.202	0.034	0.007	0.001	***	***	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.138
MAXIMUM DAILY, 0.446 ON JUL 17
MINIMUM DAILY, 0.001 ON MAY 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 08 N
LONG 113 18 55 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	***	JUL	748
FEB	***	AUG	434
MAR	***	SEP	69 9
APR	***	OCT	33 6
MAY	144	NOV	***
JUN	603	DEC	***

TOTAL DISCHARGE, 2 030 dam³

BOW RIVER AT BANFF - STATION NO. 05BB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.838	8.818	8.888	7.47	9.88	103	108	88.8	37.8	35.8	21.4	8 838	1
2	8.388	8.888	8.888	8.38	10.8	98.2	102	88.4	38.3	35.3	20.9	10.2 8	2
3	8.388	7.388	8.848	8.88	15.2	92.8	101	88.1	33.3	34.8	20.7	10.3 8	3
4	8.218	7.388	8.478	7.73	18.8	93.8	101	81.4	33.4	34 8A	20.7	10.8 8	4
5	8.138	7.818	7.328	7.34	18.1	97.2	88.8	82.3	33.8	33.8E	20.2	11 1 8	5
6	8.888	7.828	7.148	7.13	18.4	94.1	101	88.8	38.7	33.3E	19.7	11 8 8	6
7	8.848	7.848	7.838	7.38	18.3	87.8	92.1	84.8	36.8	32.8E	19.3	12 3 8	7
8	8.878	7.848	8.888	7.83	17.1	112	88.8	82.8	33.3	32.4E	18.7	11 8 8	8
9	8.888	7.788	8.898	8.18	18.1	94.8	88.7	47.8	31.8	32.2	18.8	10 7 8	9
10	8.778	8.238	8.778	8.78	18.8	88.8	92.8	44.8	32.8	31.8	13.4	10 2 8	10
11	8.788	8.738	8.888	8.83A	18.2	71.1	93.7	41.8	32.7	31.3	8 78	10 3 8	11
12	8.888	8.248	7.878	10.1	17.3	77.3	88.4	48.8	48.8	38.8	8 738	10 8 8	12
13	8.838	8.888	8.338	11.3	16.3	82.8	78.8	38.4	72.4	18.1	8 888	11 8 8	13
14	8.888	8.738	8.188	13.4	18.8	87.7	78.7	37.8	84.8	18.8	12.8 8	11 4 8	14
15	8.888	8.838	7.888	18.8	18.8	88.7	88.7	43.8	87.1	18.1	11 8 8	11 8 8	15
16	8.188	8.828	7.788	18.1	23.8	88.5	83.7	48.7	82.8	18.18	11 8 8	12 2 8	16
17	8.848	8.188	7.888	18.2	28.4	78.7	87.8	44.8	48.8	33.7A	11 3 8	12 7 8	17
18	8.838	8.888	7.888	14.4	44.8	81.1	88.8	43.2	44.3	33.2	11 8 8	12 8 8	18
19	8.188	8.888	7.388	13.7	82.4	88.8	81.1	42.8	41.1	32.8	10 8 8	11 6 8	19
20	8.188	8.788	7.42	13.8	83.8	114	88.1	41.8	38.1	33.3	10 8 8	10.7 8	20
21	8.188	8.488	7.28	11.8	83.1	103	88.8	48.8	38.2	33.2	10 7 8	10.1 8	21
22	7.888	8.438	7.38	10.8	101	88.8	83.2	81.5	34.8	32.8	10 8 8	8 818	22
23	7.818	8.388	7.88	10.8	118	78.1	84.3	47.8	33.8	32.4	10 4 8	8 888	23
24	7.438	8.338	7.23	10.1	127	88.8	85.7	48.8	32.3	31.7	10 4 8	8 388	24
25	8.818	7.888	7.24	8.88	188	83.8	81.7	48.8	31.1	32.8	10.4 8	7.888	25
26	8.828	7.388	8.87	8.48	188	87.8	88.3	48.1	38.8	38.8	18.1 8	7.888	26
27	7.278	8.828	8.83	8.38	115	84.7	88.8	43.3	38.3	38.7	18.1 8	7.888	27
28	7.838	7.818	8.87	8.87	88.3	85.8	82.7	43.3	37.7	33.4	18.1 8	7.888	28
29	7.488		8.83	8.83	83.1	83.8	83.8	41.3	38.8	32.8	18.8 8	8.888	29
30	8.458		8.88	8.48	88.2	188	82.8	41.8	38.3	33.8	8.788	8.838	30
31	8.348		8.84		188		84.4	41.8		32.1		8.888	31
TOTAL	288.31	238.84	223.88	311.38	1 734.38	2 831.8	2 338.1	1 488.8	1 142.3	888.7	388.27	317.83	TOTAL
MEAN	8.33	8.24	7.18	10.4	88.8	87.7	78.8	47.8	38.1	32.2	12.3	10.2	MEAN
MAX	8.83	8.82	8.32	18.1	188	114	188	82.3	72.4	38.8	21.4	12.7	MAX
MIN	8.34	8.81	8.84	7.13	8.88	87.8	82.8	37.8	38.3	18.8	8.73	7.48	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.2
MAXIMUM DAILY, 188 ON MAY 28
MINIMUM DAILY, 8.888 ON MAR 3
MAXIMUM INSTANTANEOUS,
188 AT 21:48 MST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 10 30 N
LONG 115 34 10 W
DRAINAGE AREA, 2 210 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 300	JUL	202 000
FEB	19 800	AUG	127 000
MAR	13 200	SEP	86 700
APR	28 800	OCT	88 000
MAY	190 000	NOV	36 400
JUN	337 000	DEC	27 400

TOTAL DISCHARGE, 1 010 000 dam³

BOW RIVER AT CALGARY - STATION NO. 05BH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	36.00	46.00	46.00	52.00	55.1	128	108	102	85.2	60.5	53.5	38.80	1
2	35.00	50.00	43.00	55.00	56.9	131	111	105	86.0	58.7	49.0	42.80	2
3	38.00	53.00	49.00	49.00	54.2	138	117	107	82.5	55.4	41.8	54.40	3
4	40.00	44.00	46.00	45.00	58.3	135	125	107	82.3	51.0	51.3	71.10	4
5	35.00	41.00	50.00	52.00	59.9	111	118	107	81.9	48.9	59.1	80.60	5
6	36.00	42.00	49.00	52.00	61.6	108	115	106	78.9	48.3	59.5	82.90	6
7	39.00	39.00	47.00	52.00	66.9	116	116	107	74.6	46.3	55.7	81.70	7
8	40.00	41.00	47.00	52.1	70.6	114	116	107	70.8	49.6	57.6	81.70	8
9	44.00	40.00	43.00	51.1	68.6	125	123	106	71.0	48.2	41.90	87.40	9
10	47.00	37.00	46.00	50.6	68.7	128	123	103	71.2	53.1	37.90	88.20	10
11	43.00	41.00	52.00	51.7	68.7	118	122	103	70.3	54.8	42.00	88.10	11
12	37.00	43.00	52.00	52.4	68.6	118	126	96.0	108	47.4	45.80	70.50	12
13	36.00	40.00	46.00	51.9	66.9	108	126	86.6	134	45.7	41.90	70.80	13
14	42.00	47.00	52.00	52.5	71.5	102	128	82.1	137	47.9	37.00	73.80	14
15	43.00	41.00	52.00	51.5	70.9	108	130	84.4	137	47.5	25.10	71.00	15
16	42.00	40.00	50.00	51.5	68.9	108	131	81.6	130	46.9	24.90	72.80	16
17	45.00	37.00	43.00	51.3	68.6	108	131	78.9	130	43.0	34.60	68.00	17
18	45.00	44.00	46.00	51.6	69.9	99.0	129	82.9	100	53.4	31.70	66.50	18
19	42.00	43.00	49.00	53.3	71.6	95.0	130	76.0	93.9	48.9	30.50	65.80	19
20	41.00	41.00	52.00	51.6	81.5	108	130	76.6	89.8	47.2	29.60	66.00	20
21	40.00	46.00	58.00	51.7	87.6	135	128	88.8	87.1	53.2	34.60	70.20	21
22	42.00	52.00	55.00	51.4	107	135	124	85.5	71.7	53.4	37.70	71.60	22
23	45.00	44.00	49.00	51.6	114	139	122	78.0	72.1	61.7	39.00	67.70	23
24	48.00	44.00	46.00	51.5	138	118	120	87.7	71.2	52.0	36.90	67.70	24
25	48.00	49.00	45.00	49.5	152	95.6	118	83.7	70.5	41.2	38.50	65.70	25
26	48.00	50.00	52.00	37.9	188	106	117	84.7	68.2	37.5	41.20	65.70	26
27	46.00	52.00	54.00	40.3	189	105	118	88.0	68.4	35.7	37.90	62.90	27
28	47.00	50.00	55.00	54.2	184	106	117	73.2	65.5	41.0	46.10	66.00	28
29	50.00		54.00	56.6	168	107	113	76.5	66.1	48.4	50.40	66.60	29
30	52.00		52.00	57.2	137	107	107	84.0	66.0	46.7	37.40	66.40	30
31	51.00		52.00		137		103	67.8		47.5		70.80	31
TOTAL	1 328.0	1 238.0	1 533.0	1 535.6	2 889.6	3 435.6	3 745	2 725.4	2 609.3	1 516.3	1 262.4	2 033.9	TOTAL
MEAN	42.8	44.2	49.5	51.2	93.2	115	121	87.9	87.0	48.9	42.1	65.6	MEAN
MAX	52.0	53.0	58.0	56.6	189	139	131	107	137	61.7	59.5	73.6	MAX
MIN	35.0	37.0	43.0	37.9	54.2	95.0	103	63.7	65.0	35.9	24.9	38.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.8
MAXIMUM DAILY, 189 ON MAY 27
MINIMUM DAILY, 24.90 ON NOV 16
MAXIMUM INSTANTANEOUS,
188 AT 06:00 MST ON MAY 26

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 03 00 N
LONG 114 03 00 W
DRAINAGE AREA, 7 850 km²

B - ICE CONDITIONS

REGULATED SINCE 1913

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	115 000	JUL	324 000
FEB	107 000	AUG	235 000
MAR	132 000	SEP	225 000
APR	133 000	OCT	131 000
MAY	250 000	NOV	109 000
JUN	297 000	DEC	176 000

TOTAL DISCHARGE, 2 230 000 dam³

BOW RIVER AT CANMORE - STATION NO. 05BE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.20	41.20	32.10	25.1	---	---	---	---	---	---	---	---	1
2	29.20	35.60	31.70	28.0	---	---	---	---	---	---	---	---	2
3	28.90	34.20	31.70	26.4	---	---	---	---	---	---	---	---	3
4	28.70	33.20	32.40	26.0	---	---	---	---	---	---	---	---	4
5	25.40	32.90	30.10	26.2	---	---	---	---	---	---	---	---	5
6	24.90	31.80	30.70	27.0	---	---	---	---	---	---	---	---	6
7	28.00	35.00	34.20	31.6	---	---	---	---	---	---	---	---	7
8	27.30	33.00	35.90	19.6	---	---	---	---	---	---	---	---	8
9	27.10	32.50	33.00	22.9	---	---	---	---	---	---	---	---	9
10	27.70	32.40	31.00	26.4	---	---	---	---	---	---	---	---	10
11	29.50	36.10	34.60	26.0	---	---	---	---	---	---	---	---	11
12	32.30	33.60	33.4	26.7	---	---	---	---	---	---	---	---	12
13	26.20	35.50	35.2	26.7	---	---	---	---	---	---	---	---	13
14	27.30	34.50	33.4	26.1	---	---	---	---	---	---	---	---	14
15	28.00	34.60	34.4	31.0	---	---	---	---	---	---	---	---	15
16	26.50	34.20	31.5	28.4	---	---	---	---	---	---	---	---	16
17	27.20	34.60	27.6	28.0	---	---	---	---	---	---	---	---	17
18	26.90	34.20	26.5	29.0	---	---	---	---	---	---	---	---	18
19	24.60	34.00	34.7	32.6	---	---	---	---	---	---	---	---	19
20	24.20	33.00	34.0	30.6	---	---	---	---	---	---	---	---	20
21	29.10	35.50	35.9	25.6	---	---	---	---	---	---	---	---	21
22	29.00	33.00	40.5	28.3	---	---	---	---	---	---	---	---	22
23	26.50	32.00	32.9	27.5	---	---	---	---	---	---	---	---	23
24	26.00	33.10	31.7	27.6	---	---	---	---	---	---	---	---	24
25	40.00	33.70	37.6	25.8	---	---	---	---	---	---	---	---	25
26	37.10	33.10	36.4	30.0A	---	---	---	---	---	---	---	---	26
27	37.30	36.30	32.0	---	---	---	---	---	---	---	---	---	27
28	40.80	32.00	30.9	---	---	---	---	---	---	---	---	---	28
29	38.60		31.7	---	---	---	---	---	---	---	---	---	29
30	40.30		36.3	---	---	---	---	---	---	---	---	---	30
31	40.30		33.0		---		---	---	---	---	---	---	31
TOTAL	939.8	984.5	1 026.3	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	30.0	36.4	33.1	---	---	---	---	---	---	---	---	---	MEAN
MAX	40.8	41.2	40.8	---	---	---	---	---	---	---	---	---	MAX
MIN	22.3	31.8	22.0	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	80 300	JUL	---
FEB	83 300	AUG	---
MAR	86 800	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

BOW RIVER AT LAKE LOUISE - STATION NO 05BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.780	1.370	1.310	1.09	2.71	23.7	32.7	24.2	11.2	4.75	4.16	1.580	1
2	1.730	1.380	1.180	1.23	3.37	24.1	32.1	24.1	10.1	4.85	4.03	1.610	2
3	1.890	1.390	1.220	1.300	4.40	23.1	32.6	25.8	9.80	4.56	4.03	1.620	3
4	1.850	1.350	1.300	1.180	6.38	23.0	33.0	26.3	9.00	4.36	4.03	1.650	4
5	1.630	1.400	1.510	1.180	3.94	23.1	34.6	25.0	9.86	4.31	3.720	1.730	5
6	1.500	1.420	1.480	1.140	3.92	21.6	34.6	23.2	10.1	4.23	3.620	1.770	6
7	1.560	1.450	1.430	1.120	4.26	21.6	32.0	21.3	8.86	4.02	3.500	1.780	7
8	1.540	1.490	1.390	1.080	4.52	23.4	31.6	19.0	8.05	3.92	3.350	1.720	8
9	1.630	1.570	1.330	1.300	4.73	18.4	32.9	16.2	7.46	3.74	3.150	1.660	9
10	1.500	1.600	1.290	1.520	4.58	17.0	34.9	14.3	7.35	3.75	2.760	1.660	10
11	1.480	1.650	1.390	1.800	4.35	15.3	34.6	12.9	7.30	3.76	2.600	1.650	11
12	1.470	1.720	1.510	2.23	4.09	14.3	32.2	12.7	10.5	3.76	2.210	1.650	12
13	1.460	1.850	1.600	2.35	4.10	19.8	28.2	11.2	13.6	3.73	2.450	1.740	13
14	1.440	1.960	1.500	2.250	4.73	21.4	26.5	10.7	12.0	3.63	2.760	1.780	14
15	1.490	2.100	1.520	2.560	5.36	23.0	24.0	13.1	10.6	4.11	2.460	1.850	15
16	1.500	2.050	1.490	3.32	5.10	20.3	22.9	11.1	10.2	4.90	2.370	1.910	16
17	1.610	1.990	1.440	3.32	7.74	18.2	24.3	10.8	9.38	4.67	2.270	1.620	17
18	1.600	1.930	1.420	3.31	10.4	18.5	22.6	11.6	8.62	4.62	2.190	1.660	18
19	1.560	1.870	1.350	3.16	14.6	22.0	21.6	12.0	7.89	4.59	2.110	1.600	19
20	1.500	1.810	1.370	2.760	16.3	26.4	22.0	13.0	7.34	5.07	2.040	1.490	20
21	1.440	1.750	1.320	2.610	22.1	24.7	24.2	14.4	7.05	4.84	1.990	1.430	21
22	1.430	1.690	1.280	2.440	25.5	22.2	25.9	13.8	8.89	4.76	1.970	1.380	22
23	1.380	1.630	1.260	2.42	28.7	19.6	26.7	13.6	8.20	4.53	1.900	1.350	23
24	1.350	1.610	1.270	2.37	33.8	17.1	26.1	13.3	8.03	4.31	1.830	1.260	24
25	1.340	1.600	1.170	2.180	42.4	16.2	24.2	14.2	8.78	4.27	1.770	1.230	25
26	1.360	1.600	1.260	2.140	39.1	14.2	23.3	14.0	9.82	4.600	1.730	1.230	26
27	1.400	1.630	1.130	2.32	31.2	15.0	21.6	13.9	9.33	4.900	1.700	1.220	27
28	1.350	1.630	1.180	2.41	26.3	18.4	20.7	14.0	9.10	5.03	1.670	1.220	28
29	1.340		1.150	2.450	23.7	23.9	21.1	14.2	8.97	4.800	1.630	1.430	29
30	1.350		1.130	2.43	22.6	31.8	21.9	14.3	8.85	4.630	1.590	1.430	30
31	1.370		1.09		23.2		23.2	13.7		4.300		1.410	31
TOTAL	48.45	46.37	41.67	84.99	439.01	622.2	847.5	488.7	247.09	135.48	77.39	48.61	TOTAL
MEAN	1.56	1.65	1.34	2.17	14.2	20.7	27.3	15.8	8.24	4.69	2.58	1.57	MEAN
MAX	1.78	2.10	1.60	3.56	42.4	31.8	34.9	26.3	13.6	5.07	4.16	1.91	MAX
MIN	1.34	1.37	1.09	1.04	2.71	14.2	20.7	10.7	4.85	3.73	1.59	1.22	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.51
MAXIMUM DAILY, 42.4 ON MAY 25
MINIMUM DAILY, 1.060 ON APR 6
MAXIMUM INSTANTANEOUS,
44.7 AT 19:00 MST ON MAY 25

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 35 42 N
LONG 116 11 15 W
DRAINAGE AREA, 421 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 010	JUL	73 200
FEB	4 010	AUG	42 200
MAR	3 580	SEP	21 300
APR	5 620	OCT	11 600
MAY	37 900	NOV	6 690
JUN	53 600	DEC	4 200

TOTAL DISCHARGE, 283 000 dam³

BOW RIVER BELOW BASSANO DAM - STATION NO. 05BM004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	95.0E	51.1	101	2.18	3.10	10.3	19.4	83.3	---	1
2	---	---	---	96.9A	44.8	88.1	2.11	3.07	13.8	117	84.6	---	2
3	---	---	---	99.7	43.2	85.9	2.26	3.16	13.9	70.0	71.6	---	3
4	---	---	---	110	38.9	90.7	2.32	3.28	5.89	83.3	63.9A	---	4
5	---	---	---	95.8	36.0	85.6	2.16	2.82	13.4	47.3	---	---	5
6	---	---	---	88.4	8.23	67.5	2.32	2.82	8.14	46.2	---	---	6
7	---	---	---	97.6	33.9	28.6	2.84	2.44	3.16	38.3	---	---	7
8	---	---	---	95.4	37.5	58.1	2.50	2.08	9.33	38.9	---	---	8
9	---	---	---	92.7	32.8	61.0	2.43	5.32	8.43	40.2	---	---	9
10	---	---	---	88.4	29.3	74.1	2.46	11.2	7.30	41.4	---	---	10
11	---	---	---	78.6	30.1	71.1	2.52	11.2	8.30	38.7	---	---	11
12	---	---	---	38.4	34.2	57.3	2.27	13.9	10.8	53.9	---	---	12
13	---	---	---	44.6	32.5	42.3	1.62	14.5	182	53.9	---	---	13
14	---	---	---	63.0	11.9	32.8	1.64	4.00	300	47.4	---	---	14
15	---	---	---	80.0	9.70	30.5	1.73	13.1	184	48.0	---	---	15
16	---	---	---	73.6	16.2	18.7	1.68	2.06A	170	55.1	---	---	16
17	---	---	---	67.5	17.3	19.8	1.85	4.00E	139	59.3	---	---	17
18	---	---	---	66.1	12.6	28.6	0.26	5.00E	113	59.6	---	---	18
19	---	---	---	63.7	16.8	11.3	11.6	8.33A	81.1	67.2	---	---	19
20	---	---	---	68.0	20.2	3.14	11.8	24.8	76.8	75.4	---	---	20
21	---	---	---	68.6	23.5	3.86	14.5	15.6	66.6	70.3	---	---	21
22	---	---	---	64.0	38.2	30.1	20.9	5.87	43.2	71.5	---	---	22
23	---	---	---	56.9	72.2	81.8	11.1	27.4	31.2	78.4	---	---	23
24	---	---	---	60.0	64.7	40.6	8.40	10.6	27.3	83.7	---	---	24
25	---	---	---	60.3	78.1	31.8	4.06	18.2	16.6	86.1	---	---	25
26	---	---	---	63.3	100	13.6	4.00	11.6	23.8	68.6	---	---	26
27	---	---	---	67.3	150	3.28	3.73	1.66	13.6 A	61.0	---	---	27
28	---	---	---	69.2	156	1.81	3.23	1.63	10.0 E	57.3	---	---	28
29	---	---	---	60.6	116	1.84	3.13	1.01	8.00E	54.7	---	---	29
30	---	---	---	68.0	112	1.98	3.12	1.72	3.08A	55.0	---	---	30
31	---	---	---		81.5		3.17	8.07		57.8		---	31
TOTAL	---	---	---	2 179.0	1 906.23	1 206.03	143.72	239.09	1 977.32	1 832.8	---	---	TOTAL
MEAN	---	---	---	72.9	48.6	40.2	4.64	7.73	82.0	59.1	---	---	MEAN
MAX	---	---	---	110	156	101	20.9	27.4	300	117	---	---	MAX
MIN	---	---	---	38.2	8.23	1.81	1.85	1.48	3.08	19.4	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.4
MAXIMUM DAILY, 300 ON SEP 14
MINIMUM DAILY, 1.48 ON AUG 27
MAXIMUM INSTANTANEOUS,
307 AT 00:00 MST ON SEP 14

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 00 N
LONG 113 32 20 W
DRAINAGE AREA, 30 300 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	13 400
FEB	---	AUG	20 700
MAR	---	SEP	138 000
APR	188 000	OCT	193 000
MAY	130 000	NOV	---
JUN	104 000	DEC	---

TOTAL DISCHARGE, 881 000 dam³

BOW RIVER BELOW BEARSPAW DAM - STATION NO. 05BN005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.7	47.9	48.6	52.7	58.1	129	106	100	83.5	57.6	51.4	37.7	1
2	34.8	50.1	48.4	54.7	58.8	131	113	102	83.6	56.2	42.8	39.0	2
3	36.2	44.7	48.7	49.00	64.1	136	120	103	78.5	51.6	37.6	46.8	3
4	40.5	44.2	45.8	46.00	66.3	136	120	103	70.6	47.1	50.0	53.8	4
5	36.1	41.1	50.6	52.10	68.7	111	120	103	76.2	43.0	56.4	50.9	5
6	36.7	41.8	49.3	52.10	81.6	108	116	102	76.7	41.0	56.7	52.0	6
7	38.4	38.8	46.7	52.10	88.8	115	116	104	71.6	43.3	53.5	51.7	7
8	38.6	41.3	47.3	52.1	70.5	114	119	103	68.0	45.5	54.8	51.7	8
9	43.9	39.9	43.0	51.0	68.5	126	126	102	66.4	46.3	42.2	52.0	9
10	47.3	37.1	46.4	50.7	68.6	132	126	99.6	67.9	51.4	37.9	51.3	10
11	43.3	41.3	51.5	51.6	68.8	117	125	98.6	67.3	51.6	42.1	51.7	11
12	38.0	43.0	51.8	52.4	68.5	116	129	93.3	66.5	43.1	41.5	51.7	12
13	37.7	38.6	47.6	51.6	68.6	111	131	91.8	138	41.6	38.2	51.4	13
14	43.8	46.7	52.6	52.4	71.0	102	132	87.8	138	46.9	34.5	51.2	14
15	43.8	47.0	51.6	51.5	70.6	108	132	86.4	138	43.4	38.9	51.2	15
16	43.2	48.1	49.6	51.6	68.8	111	132	78.4	131	40.9	38.5	50.9	16
17	46.0	42.6	43.3	51.3	69.7	110	132	76.0	117	39.9	34.0	50.8	17
18	45.9	43.8	46.6	51.5	68.9	89.3	130	81.8	96.8	41.9	43.6	50.9	18
19	41.6	43.0	48.3	53.2	71.9	98.1	131	73.9	96.8	46.6	42.2	50.8	19
20	41.1	41.1	51.8	51.6	81.6	112	132	89.2	86.4	43.7	43.5	50.9	20
21	40.2	46.3	47.8	51.4	97.7	133	128	86.8	81.4	50.9	46.0	47.4	21
22	42.3	43.1	46.2	51.3	107	141	133	82.0	87.7	51.6	43.0	46.0	22
23	46.4	46.2	48.7	51.5	114	134	118	86.2	86.0	50.2	41.6	43.1	23
24	47.9	43.9	46.0	51.5	128	128	119	86.1	87.9	47.3	41.6	43.1	24
25	48.4	46.9	46.9	49.6	152	96.8	117	83.7	88.6	38.8	41.6	43.7	25
26	48.4	48.8	51.5	37.9	165	108	117	83.4	88.6	38.8	41.6	42.6	26
27	45.6	52.1	54.1	40.2	169	107	118	86.8	86.7	31.3	41.6	42.6	27
28	47.3	50.4	54.8	54.1	164	108	118	73.5	85.8	38.6	38.6	43.7	28
29	50.4		54.1	54.6	146	108	110	77.6	83.8	46.4	38.8	46.7	29
30	52.1		53.4	57.2	137	108	104	84.7	82.3	43.0	37.4	48.0	30
31	50.9		53.1		137		99.6	86.8		43.7		47.1	31
TOTAL	1 338.9	1 260.3	1 537.1	1 534.7	2 889.2	3 486.3	3 770.6	2 944.4	2 511.2	1 409.6	1 270.7	1 573.8	TOTAL
MEAN	43.9	44.7	49.6	51.2	93.2	116	122	95.3	83.7	45.5	43.7	50.4	MEAN
MAX	52.1	52.1	57.8	54.7	169	141	132	104	138	60.3	56.4	54.0	MAX
MIN	34.8	37.1	43.0	37.9	64.1	96.8	99.6	83.6	83.3	31.3	34.5	37.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.9
MAXIMUM DAILY, 169 ON MAY 27
MINIMUM DAILY, 34.8 ON NOV 16

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 58 N
LONG 114 13 31 W
DRAINAGE AREA, 7 770 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	115 000	JUL	326 000
FEB	108 000	AUG	328 000
MAR	133 000	SEP	217 000
APR	133 000	OCT	122 000
MAY	250 000	NOV	111 000
JUN	301 000	DEC	162 000

TOTAL DISCHARGE, 2 310 000 dam³

BOW RIVER BELOW CARSELAND DAM - STATION NO. 05BN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	150 B	85.8	148	94.8	73.4	85.9	85.5	84.7	---	1
2	---	---	---	139 B	81.0	145	88.8	77.8	82.2	67.4	73.7	---	2
3	---	---	---	118 B	68.0	150	84.1	78.8	80.8	64.4	80.1	---	3
4	---	---	---	106	67.7	144	74.3	78.1	87.0	37.3	86.4A	---	4
5	---	---	---	87.4	82.8	130	73.9	80.8	83.8	33.0	---	---	5
6	---	---	---	83.0	88.1	83.8	84.3	78.3	88.8	38.8	---	---	6
7	---	---	---	88.7	87.7	108	88.8	78.0	83.8	38.4	---	---	7
8	---	---	---	88.1	81.2	108	87.0	81.8	48.2	38.8	---	---	8
9	---	---	---	88.8	84.8	128	78.8	82.3	44.8	30.3	---	---	9
10	---	---	---	71.7	80.8	137	77.0	83.4	40.7	31.3	---	---	10
11	---	---	---	73.8	87.5	118	74.8	78.2	38.3	44.8	---	---	11
12	---	---	---	72.8	80.3	88.1	78.8	88.8	131	47.8	---	---	12
13	---	---	---	73.3	87.2	88.8	83.8	83.8	333	48.2	---	---	13
14	---	---	---	78.3	87.8	78.8	83.8	88.8	285	48.7	---	---	14
15	---	---	---	81.8	81.4	78.7	88.8	74.8	213	51.1	---	---	15
16	---	---	---	74.8	84.2	81.7	84.8	88.8	184	82.3	---	---	16
17	---	---	---	73.1	84.2	83.2	102	88.4	187	87.8	---	---	17
18	---	---	---	71.8	87.8	71.7	84.7	82.1	131	87.1	---	---	18
19	---	---	---	74.3	84.8	87.3	83.3	74.8	124	77.8	---	---	19
20	---	---	---	81.2	87.8	88.2	81.2	88.8	113	88.8	---	---	20
21	---	---	---	72.8	88.8	81.3	80.2	84.8	88.1	74.1	---	---	21
22	---	---	---	88.8	103	114	87.8	78.7	81.8	77.8	---	---	22
23	---	---	---	88.8	108	107	88.8	88.1	72.1	87.3	---	---	23
24	---	---	---	88.8	118	81.8	83.8	82.1	78.2	88.3	---	---	24
25	---	---	---	88.8	182	78.8	84.7	88.8	87.8	88.8	---	---	25
26	---	---	---	81.8	213	88.8	78.4	88.8	83.7	88.8	---	---	26
27	---	---	---	81.1	208	88.4	78.8	88.8	82.8	82.1	---	---	27
28	---	---	---	82.2	185	88.8	88.8	82.1	88.8	80.8	---	---	28
29	---	---	---	72.8	187	88.8	78.7	88.1	87.8	88.8	---	---	29
30	---	---	---	78.8	138	88.1	78.8	88.8	88.1	88.1	---	---	30
31	---	---	---		182		78.3	84.8		83.1		---	31
TOTAL	---	---	---	2 378.8	3 883.8	3 868.2	3 484.4	3 118.4	2 881.8	1 888.8	---	---	TOTAL
MEAN	---	---	---	78.2	88.8	88.8	78.3	88.2	88.7	83.8	---	---	MEAN
MAX	---	---	---	180	213	180	107	88.8	333	87.3	---	---	MAX
MIN	---	---	---	81.1	88.3	88.8	84.8	88.8	38.3	38.8	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.8
MAXIMUM DAILY, 333 ON SEP 13
MINIMUM DAILY, 28.8 ON OCT 8
MAXIMUM INSTANTANEOUS,
378 AT 13:03 MST ON SEP 13

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 50 N
LONG 113 25 00 W
DRAINAGE AREA, 10 700 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	212 000
FEB	---	AUG	183 000
MAR	---	SEP	255 000
APR	205 000	OCT	143 000
MAY	232 000	NOV	---
JUN	248 000	DEC	---

TOTAL DISCHARGE, 1 480 000 dam³

BOW RIVER BELOW GHOST DAM - STATION NO 05BG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	57.3	123	117	103	85.5	58.0E	55.2E	---	1
2	---	---	---	---	54.4	130	120	105	85.3	60.1E	60.2E	---	2
3	---	---	---	---	57.7	134	122	105	84.1	60.1E	37.7E	---	3
4	---	---	---	---	57.7	133	120	106	83.6	45.3E	35.2E	---	4
5	---	---	---	---	59.1	114	118	106	81.9	39.6E	68.0E	---	5
6	---	---	---	---	66.3	117	119	106	81.2	39.4E	52.7E	---	6
7	---	---	---	---	70.3	117	120	106	77.0	45.8E	---	---	7
8	---	---	---	---	70.3	113	123	106	76.0	49.4E	---	---	8
9	---	---	---	---	69.4	127	126	103	71.4	49.6E	---	---	9
10	---	---	---	---	67.6	122	124	105	71.2	51.3E	---	---	10
11	---	---	---	---	67.2	118	128	105	70.9	53.9E	---	---	11
12	---	---	---	---	69.5	116	133	99.1	68.9	43.3	---	---	12
13	---	---	---	---	69.0	99.0	134	99.5	114	41.8	---	---	13
14	---	---	---	---	70.0	101	132	94.2	115	44.1	---	---	14
15	---	---	---	---	69.3	108	133	93.4	123	46.3	---	---	15
16	---	---	---	---	68.5A	113	130	83.5	130	41.1	---	---	16
17	---	---	---	---	67.4E	111	131	79.1	102	41.4	---	---	17
18	---	---	---	---	68.1E	105	133	81.5	83.7	54.7	---	---	18
19	---	---	---	---	71.4E	88.2	133	76.6	69.0	44.5	---	---	19
20	---	---	---	---	86.9E	116	133	73.7	67.6	43.9	---	---	20
21	---	---	---	---	101 E	137	130	68.2	81.5	54.6	---	---	21
22	---	---	---	---	108 E	138	125	63.8	70.1	66.1	---	---	22
23	---	---	---	---	117 E	139	119	69.4	69.6	49.3E	---	---	23
24	---	---	---	---	132 E	116	118	68.3	72.0	40.9E	---	---	24
25	---	---	---	---	168 E	101	117	65.0	69.2	34.9E	---	---	25
26	---	---	---	---	196 E	109	116	65.8	65.9	33.8E	---	---	26
27	---	---	---	---	202 A	110	118	69.6	65.5A	31.7E	---	---	27
28	---	---	---	---	193	109	116	76.2	61.4E	46.4E	---	---	28
29	---		---	---	131	111	112	80.1	63.4E	47.6E	---	---	29
30	---		---	96.3A	136	116	106	86.7	59.9E	43.9E	---	---	30
31	---		---		132		100	86.0		45.0E		---	31
TOTAL	---	---	---	---	2 917.5	3 491.2	3 823	2 740 0	2 476.8	1 423.9	---	---	TOTAL
MEAN	---	---	---	---	94.1	116	123	88.4	82.5	45.9	---	---	MEAN
MAX	---	---	---	---	202	138	134	106	123	66.1	---	---	MAX
MIN	---	---	---	---	54.4	88.2	100	63.9	58.5	31.7	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 81.7
MAXIMUM DAILY, 202A ON MAY 27
MINIMUM DAILY, 31.7E ON OCT 27

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 12 50 N
LONG 114 36 40 W
DRAINAGE AREA, 8 550 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1911

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	330 000
FEB	---	AUG	237 000
MAR	---	SEP	214 000
APR	---	OCT	123 000
MAY	252 000	NOV	---
JUN	302 000	DEC	---

TOTAL DISCHARGE, 1 480 000 dam³

BOW RIVER DEVELOPMENT DRAIN D NEAR VAUXHALL - STATION NO 05BN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.012	0.747	0.839	0.874	0.628	0.513	0	---	1
2	---	---	---	---	0.012	0.801	0.866	0.967	0.603	0.519	0	---	2
3	---	---	---	---	0.011	0.797	0.866	1.16	0.729	0.496	0	---	3
4	---	---	---	---	0.012	0.806	0.811	1.10	0.622	0.505	0A	---	4
5	---	---	---	---	0.014	0.888	0.575	1.16	0.619	0.906	---	---	5
6	---	---	---	---	0.012	0.864	0.585	1.01	0.520	0.889	---	---	6
7	---	---	---	---	0.009	0.734	0.874	1.05	0.383	0.781	---	---	7
8	---	---	---	---	0.007	1.08	0.902	0.898	0.331	0.428	---	---	8
9	---	---	---	---	0.003	0.888	0.882	1.26	0.327	0.085	---	---	9
10	---	---	---	---	0	0.952	0.582	1.00	0.331	0.071	---	---	10
11	---	---	---	---	0	0.880	0.611	1.00	0.309	0.047	---	---	11
12	---	---	---	---	0	0.778	0.618	0.908	0.403	0.034	---	---	12
13	---	---	---	---	0.002	0.886	0.677	0.928	0.388	0.001	---	---	13
14	---	---	---	---	0	1.15	0.681	0.833	0.241	0	---	---	14
15	---	---	---	---	0	1.20	1.01	0.765	0.192	0	---	---	15
16	---	---	---	---	0	1.38	0.881	0.706	0.169	0	---	---	16
17	---	---	---	---	0	1.40	1.41	0.690	0.195	0	---	---	17
18	---	---	---	---	0	0.844	1.11	0.674	0.241	0	---	---	18
19	---	---	---	---	0	0.884	0.994	0.884	0.275	0	---	---	19
20	---	---	---	---	0	0.778	0.970	0.662	0.388	0	---	---	20
21	---	---	---	---	0.078	0.880	1.12	0.863	0.286	0	---	---	21
22	---	---	---	---	0.339	0.817	0.836	1.01	0.352	0	---	---	22
23	---	---	---	---	0.588	0.609	0.703	0.833	0.280	0	---	---	23
24	---	---	---	0 A	0.647	0.838	0.848	0.884	0.296	0	---	---	24
25	---	---	---	0.028	0.587	0.885	0.837	0.853	0.340	0	---	---	25
26	---	---	---	0.040	0.648	0.892	0.883	0.891	0.392	0	---	---	26
27	---	---	---	0.028	0.830	0.834	0.841	0.412	0.448	0	---	---	27
28	---	---	---	0.018	0.838	0.850	0.886	0.448	0.335	0	---	---	28
29	---		---	0.014	0.827	0.705	0.858	0.872	0.378	0	---	---	29
30	---		---	0.015	0.588	0.784	1.03	0.867	0.410	0	---	---	30
31	---		---		0.533		0.898	0.813		0		---	31
TOTAL	---	---	---	---	8.587	28.883	28.838	28.883	11.888	5.281	---	---	TOTAL
MEAN	---	---	---	---	0.313	0.883	0.833	0.838	0.387	0.170	---	---	MEAN
MAX	---	---	---	---	0.848	1.40	1.41	1.28	0.828	0.906	---	---	MAX
MIN	---	---	---	---	0	0.884	0.418	0.412	0.188	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.653
MAXIMUM DAILY, 1.41 ON JUL 17
MINIMUM DAILY, 0 ON MAY 15

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 40 N
LONG 112 03 50 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 210
FEB	---	AUG	2 350
MAR	---	SEP	1 000
APR	---	OCT	655
MAY	557	NOV	---
JUN	2 330	DEC	---

TOTAL DISCHARGE, 9 800 dam³

BOW RIVER DEVELOPMENT DRAIN X NEAR VAUXHALL - STATION NO 05BN005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---		0.106	0.471	0.894	0.553	0.114	0.0748	---	1
2	---	---	---	---	0.034	0.105	0.474	0.716	0.525	0.142	0.0758	---	2
3	---	---	---	---	0.032	0.098	0.474	0.716	0.525	0.142	0.0758	---	3
4	---	---	---	---	0.031	0.090	0.428	0.627	0.420	0.200	0.0788	---	4
5	---	---	---	---	0.031	0.078	0.377	0.576	0.351	0.208	0.0884	---	5
					0.033	0.058	0.335	0.535	0.320	0.140	---	---	
6	---	---	---	---									6
7	---	---	---	---	0.036	0.061	0.395	0.614	0.251	0.158	---	---	7
8	---	---	---	---	0.036	0.087	0.315	0.784	0.189	0.1588	---	---	8
9	---	---	---	---	0.036	0.079	0.372	0.604	0.167	0.1578	---	---	9
10	---	---	---	---	0.031	0.157	0.405	0.613	0.146	0.1588	---	---	10
					0.036	0.331	0.433	0.633	0.133	0.195	---	---	
11	---	---	---	---									11
12	---	---	---	---	0.027	0.373	0.387	0.698	0.130	0.127	---	---	12
13	---	---	---	---	0.036	0.358	0.418	0.708	0.228	0.106	---	---	13
14	---	---	---	---	0.029	0.478	0.786	0.830	0.442	0.111	---	---	14
15	---	---	---	---	0.035	0.501	0.911	0.693	0.343	0.094	---	---	15
				0.0884	0.034	0.488	1.06	0.881	0.300	0.102	---	---	
16	---	---	---										16
17	---	---	---	0.092	0.034	0.850	1.18	0.713	0.210	0.088	---	---	17
18	---	---	---	0.071	0.031	0.831	1.20	0.588	0.178	0.101	---	---	18
19	---	---	---	0.065	0.033	0.881	1.08	0.509	0.173	0.095	---	---	19
20	---	---	---	0.077	0.035	0.472	0.932	0.471	0.143	0.095	---	---	20
				0.089	0.035	0.482	0.830	0.471	0.120	0.094	---	---	
21	---	---	---										21
22	---	---	---	0.103	0.029	0.487	0.718	0.518	0.110	0.087	---	---	22
23	---	---	---	0.098	0.038	0.508	0.885	0.609	0.188	0.080	---	---	23
24	---	---	---	0.080	0.035	0.518	0.819	0.526	0.117	0.088	---	---	24
25	---	---	---	0.080	0.023	0.458	0.800	0.580	0.082	0.102	---	---	25
				0.118	0.035	0.508	0.830	0.587	0.112	0.081	---	---	
26	---	---	---										26
27	---	---	---	0.302	0.030	0.519	0.788	0.550	0.082	0.086	---	---	27
28	---	---	---	0.084	0.027	0.459	0.734	0.437	0.191	0.078	---	---	28
29	---		---	0.037	0.025	0.438	0.514	0.486	0.108	0.074	---	---	29
30	---		---	0.038	0.027	0.485	0.440	0.487	0.094	0.0838	---	---	30
31	---		---	0.030	0.086	0.500	0.539	0.489	0.093	0.0858	---	---	31
					0.093		0.810	0.504		0.0888			
TOTAL	---	---	---	---	0.881	11.026	30.119	18.787	8.397	3.483	---	---	TOTAL
MEAN	---	---	---	---	0.032	0.367	0.845	0.605	0.213	0.112	---	---	MEAN
MAX	---	---	---	---	0.093	0.850	1.20	0.830	0.553	0.208	---	---	MAX
MIN	---	---	---	---	0.023	0.058	0.335	0.437	0.082	0.085	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.330
MAXIMUM DAILY, 1.20 ON JUL 17
MINIMUM DAILY, 0.023 ON MAY 24

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 35 N
LONG 112 10 53 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 740
FEB	---	AUG	1 620
MAR	---	SEP	853
APR	---	OCT	301
MAY	84.8	NOV	---
JUN	952	DEC	---

TOTAL DISCHARGE, 5 250 dam³

BOW RIVER DEVELOPMENT DRAIN Y NEAR HAYS - STATION NO. 05AG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.085	0.770	0.848	0.330	0.315	0.021	---	1
2	---	---	---	---	0	0.168	0.934	0.762	0.278	0.488	0.023	---	2
3	---	---	---	---	0	0.078	0.715	0.862	0.303	0.367	0.023	---	3
4	---	---	---	---	0	0.108	0.443	0.705	0.338	0.376	0.024	---	4
5	---	---	---	---	0	0.070	0.384	0.871	0.341	0.483	0.025	---	5
6	---	---	---	---	0	0.024	0.311	0.585	0.311	0.826	0.022A	---	6
7	---	---	---	---	0	0.025	0.886	0.584	0.370	0.532	---	---	7
8	---	---	---	---	0	0.048	0.485	0.984	0.348	0.349	---	---	8
9	---	---	---	---	0	0.052	0.407	1.14	0.420	0.277	---	---	9
10	---	---	---	---	0	0.488	0.378	0.675	0.337	0.135	---	---	10
11	---	---	---	---	0	0.871	0.453	0.722	0.247	0.109	---	---	11
12	---	---	---	---	0	0.585	0.334	0.588	0.376	0.077	---	---	12
13	---	---	---	---	0	0.618	0.323	0.584	0.519	0.055	---	---	13
14	---	---	---	---	0	0.500	0.328	0.606	0.251	0.047	---	---	14
15	---	---	---	---	0	0.480	0.300	0.564	0.260	0.041	---	---	15
16	---	---	---	---	0	0.800	0.514	0.628	0.192	0.051	---	---	16
17	---	---	---	---	0A	0	0.631	0.651	0.435	0.213	0.048	---	17
18	---	---	---	---	0	0	0.488	0.489	0.522	0.239	0.045	---	18
19	---	---	---	---	0	0	0.480	0.318	0.589	0.371	0.033	---	19
20	---	---	---	---	0	0	0.433	0.449	0.484	0.238	0.038	---	20
21	---	---	---	---	0	0	0.358	0.498	0.575	0.312	0.039	---	21
22	---	---	---	---	0	0.350	0.424	0.712	0.673	0.260	0.040	---	22
23	---	---	---	---	0	0.179	0.554	0.878	0.488	0.278	0.031	---	23
24	---	---	---	---	0	0.037	0.644	0.784	0.493	0.317	0.027	---	24
25	---	---	---	---	0	0.122	0.704	0.807	0.399	0.282	0.021	---	25
26	---	---	---	---	0	0.113	0.806	0.684	0.278	0.328	0.024	---	26
27	---	---	---	---	0	0.167	0.386	0.613	0.210	0.316	0.028	---	27
28	---	---	---	---	0	0.112	0.557	0.610	0.184	0.288	0.026	---	28
29	---		---	---	0	0.088	0.640	0.633	0.180	0.314	0.020	---	29
30	---		---	---	0	0.107	0.711	0.884	0.184	0.311	0.024	---	30
31	---		---	---		0.130		0.928	0.187		0.021	---	31
TOTAL	---	---	---	---	---	1.434	11.888	17.084	10.800	8.218	4.877	---	TOTAL
MEAN	---	---	---	---	0.048	0.389	0.651	0.842	0.307	0.168	---	---	MEAN
MAX	---	---	---	---	0.380	0.711	0.826	1.14	0.518	0.832	---	---	MAX
MIN	---	---	---	---	0	0.025	0.300	0.180	0.182	0.020	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.330
MAXIMUM DAILY, 1.14 ON AUG 8
MINIMUM DAILY, 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 00 N
LONG 111 43 40 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 480
FEB	---	AUG	1 480
MAR	---	SEP	780
APR	---	OCT	388
MAY	134	NOV	---
JUN	1 010	DEC	---

TOTAL DISCHARGE, 5 280 dam³

BOW RIVER DEVELOPMENT MAIN CANAL - STATION NO. 05AC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	17.8	33.1	32.1	22.4	28.6	33.2	0	---	1
2	---	---	---	0	17.8	32.8	32.0	20.8	29.2	33.2	0	---	2
3	---	---	---	0	18.5	33.7	33.2	20.7	30.6	33.0	0	---	3
4	---	---	---	0	22.6	33.8	32.9	23.2	28.3	33.8	0A	---	4
5	---	---	---	0	23.4	33.6	32.8	22.7	30.5	34.1	---	---	5
6	---	---	---	0	23.8	33.0	32.2	21.7	29.6	34.1	---	---	6
7	---	---	---	0	24.2	33.8	32.0	22.8	31.0	33.9	---	---	7
8	---	---	---	0	27.1	33.8	31.1	23.2	32.1	32.8	---	---	8
9	---	---	---	0	29.2	34.0	28.6	22.3	32.2	31.8	---	---	9
10	---	---	---	0	29.8	34.2	27.9	22.6	32.6	30.0	---	---	10
11	---	---	---	0	29.8	33.9	30.9	21.8	32.5	34.0	---	---	11
12	---	---	---	0	29.8	32.7	31.2	24.2	33.4	31.8	---	---	12
13	---	---	---	0	29.8	34.1	31.8	25.6	18.8	19.6	---	---	13
14	---	---	---	0	31.5	35.1	32.1	27.6	26.6	19.3	---	---	14
15	---	---	---	0	32.2	34.7	31.7	28.7	31.8	18.7	---	---	15
16	---	---	---	0	32.2	34.7	31.6	19.9	33.5	11.6	---	---	16
17	---	---	---	0	31.9	34.6	31.6	28.9	33.2	8.82	---	---	17
18	---	---	---	0	32.0	34.3	31.6	29.7	33.0	3.10	---	---	18
19	---	---	---	0	32.1	33.6	31.5	29.3	32.6	0.413	---	---	19
20	---	---	---	0	32.1	33.0	31.4	28.7	33.1	0.020	---	---	20
21	---	---	---	0	31.9	33.9	31.5	28.7	33.5	0	---	---	21
22	---	---	---	0	31.1	34.5	31.4	26.4	34.0	0	---	---	22
23	---	---	---	0	30.1	34.7	31.3	25.0	33.8	0	---	---	23
24	---	---	---	0	30.6	34.3	31.3	30.8	34.0	0	---	---	24
25	---	---	---	0	30.5	33.4	31.3	30.6	33.6	0	---	---	25
26	---	---	---	0	29.8	32.2	31.3	29.9	33.9	0	---	---	26
27	---	---	---	0	28.2	33.4	31.0	30.4	33.0	0	---	---	27
28	---	---	---	0	35.1	33.4	30.4	30.7	33.4	0	---	---	28
29	---		---	0	34.8	33.0	29.6	29.6	33.8	0	---	---	29
30	---		0A	0	34.6	33.0	29.6	29.6	33.8	0	---	---	30
31	---		0	9.84 A	33.5	32.7	30.0	29.2	33.7	0	---	---	31
			0		33.2		25.2	28.4		0		---	
TOTAL	---	---	---	9.84	898.3	1 005.7	964.4	805.7	949.8	452.453	---	---	TOTAL
MEAN	---	---	---	0.328	29.0	33.6	31.1	25.0	31.7	14.8	---	---	MEAN
MAX	---	---	---	9.84	35.1	35.1	33.2	30.8	34.0	34.1	---	---	MAX
MIN	---	---	---	0	17.8	32.0	25.2	18.8	18.8	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 35.1 ON MAY 28
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 46 N
LONG 113 01 17 W

A - MANUAL GAUGE

REGULATED SINCE 1918

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	83 300
FEB	---	AUG	69 600
MAR	---	SEP	82 100
APR	850	OCT	40 000
MAY	77 600	NOV	---
JUN	87 000	DEC	---

BOW RIVER DEVELOPMENT MAIN CANAL AT DROP NO. 3 - STATION NO. 05AC902

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	20.4	48.1	30.5	8.19	5.48	---	---	1
2	---	---	---	---	0	21.1	48.0	28.1	8.13	5.45	---	---	2
3	---	---	---	---	0	22.4	48.0	26.4	8.32	5.42	---	---	3
4	---	---	---	---	0	23.8	48.2	26.2	8.49	5.56	---	---	4
5	---	---	---	---	0	25.1	48.3	25.9	8.31	4.01	---	---	5
6	---	---	---	---	0	27.3	48.3	24.1	8.33	1.82	---	---	6
7	---	---	---	---	0	30.2	48.0	22.6	8.80	0.283	---	---	7
8	---	---	---	---	0	32.6	48.8	22.1	8.73	0	---	---	8
9	---	---	---	---	0	34.2	48.1	20.6	8.48	0	---	---	9
10	---	---	---	---	0	35.2	48.1	18.1	8.74	0	---	---	10
11	---	---	---	---	0	37.6	48.8	17.3	4.48	0	---	---	11
12	---	---	---	---	0.230	38.4	48.0	15.8	4.39	0	---	---	12
13	---	---	---	---	0.242	38.8	48.1	14.8	3.88	0	---	---	13
14	---	---	---	---	1.29	37.8	48.8	14.1	3.13	0	---	---	14
15	---	---	---	---	3.81	37.8	48.3	13.1	2.84	0	---	---	15
16	---	---	---	---	3.81	38.2	48.8	12.1	2.82	0	---	---	16
17	---	---	---	---	3.77	39.0	44.3	11.3	2.29	0	---	---	17
18	---	---	---	---	5.37	39.4	42.1	11.2	2.30	0	---	---	18
19	---	---	---	---	7.04	41.8	40.0	11.2	2.26	0	---	---	19
20	---	---	---	---	7.11	42.8	39.4	11.2	2.13	0	---	---	20
21	---	---	---	---	8.47	42.8	40.2	11.2	2.15	0	---	---	21
22	---	---	---	---	10.8	43.8	40.1	10.8	2.33	0	---	---	22
23	---	---	---	---	12.5	44.4	38.8	9.80	2.28	0	---	---	23
24	---	---	---	---	15.4	43.8	37.7	9.15	2.87	0	---	---	24
25	---	---	---	---	15.8	44.3	37.7	9.04	3.98	0	---	---	25
26	---	---	---	---	16.7	44.6	37.8	8.82	8.83	0	---	---	26
27	---	---	---	---	17.7	44.6	37.6	8.87	8.44	0	---	---	27
28	---	---	---	---	18.3	45.2	36.6	9.15	8.34	0	---	---	28
29	---		---	---	18.1	45.7	35.7	9.15	8.48	0	---	---	29
30	---		---	---	18.0	45.8	33.6	8.87	8.38	0	---	---	30
31	---		---		18.1		31.8	7.27		0		---	31
TOTAL	---	---	---	---	206.062	1 108.8	1 306.3	476.32	138.19	30.733	---	---	TOTAL
MEAN	---	---	---	---	6.65	37.0	42.2	15.5	4.61	0.991	---	---	MEAN
MAX	---	---	---	---	18.1	45.7	48.3	30.5	8.83	5.48	---	---	MAX
MIN	---	---	---	---	0	20.4	31.8	7.27	2.13	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.8
MAXIMUM DAILY, 48.3 ON JUL 5
MINIMUM DAILY, 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 25 N
LONG 113 32 00 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	113 080
FEB	---	AUG	61 600
MAR	---	SEP	11 700
APR	---	OCT	2 880
MAY	17 000	NOV	---
JUN	98 600	DEC	---

TOTAL DISCHARGE, 283 000 dam³

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

BOW RIVER DEVELOPMENT WESTERN BLOCK LATERAL A NEAR HEADGATE - STATION NO. 05AC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.215	1.17	0.653	0.014	0.116	---	---	1
2	---	---	---	---	0	0.231	1.23	0.619	0.013	0.130	---	---	2
3	---	---	---	---	0	0.318	1.23	0.613	0.012	0.093	---	---	3
4	---	---	---	---	0	0.363	1.30	0.616	0.011	0.013	---	---	4
5	---	---	---	---	0	0.402	1.35	0.573	0.010	0.083	---	---	5
6	---	---	---	---	0	0.537	1.18	0.539	0.011	0.083	---	---	6
7	---	---	---	---	0	0.603	1.16	0.473	0.011	0	---	---	7
8	---	---	---	---	0	0.670	1.16	0.500	0.012	0	---	---	8
9	---	---	---	---	0	0.701	1.27	0.534	0.013	0	---	---	9
10	---	---	---	---	0	0.753	1.35	0.526	0.014	0	---	---	10
11	---	---	---	---	0	0.868	1.36	0.523	0.015	0	---	---	11
12	---	---	---	---	0	0.885	1.40	0.486	0.016	0	---	---	12
13	---	---	---	---	0	0.885	1.40	0.437	0.017	0	---	---	13
14	---	---	---	---	0	1.04	1.40	0.377	0.018	0	---	---	14
15	---	---	---	---	0	1.05	1.41	0.314	0.019	0	---	---	15
16	---	---	---	---	0.0048	1.05	1.39	0.282	0.020	0	---	---	16
17	---	---	---	---	0.009	1.09	1.34	0.264	0.021	0	---	---	17
18	---	---	---	---	0.061	1.17	1.15	0.249	0.022	0	---	---	18
19	---	---	---	---	0.071	1.26	1.15	0.237	0.023	0	---	---	19
20	---	---	---	---	0.082	1.31	1.05	0.228	0.023	0	---	---	20
21	---	---	---	---	0.041	1.32	0.983	0.228	0.022	0	---	---	21
22	---	---	---	---	0.016	1.35	0.958	0.217	0.022	0	---	---	22
23	---	---	---	---	0.111	1.31	1.04	0.139	0.023	0	---	---	23
24	---	---	---	---	0.171	1.28	1.05	0.082	0.023	0	---	---	24
25	---	---	---	---	0.203	1.24	1.04	0.080	0.023	0	---	---	25
26	---	---	---	---	0.208	1.23	0.901	0.049	0.024	0	---	---	26
27	---	---	---	---	0.207	1.16	0.831	0.046	0.025	0	---	---	27
28	---	---	---	---	0.194	1.16	0.834	0.047	0.026	0	---	---	28
29	---		---	---	0.224	1.16	0.828	0.063	0.026	0	---	---	29
30	---		---	---	0.265	1.19	0.775	0.070	0.027	0	---	---	30
31	---		---		0.226		0.710	0.014		0		---	31
TOTAL	---	---	---	---	3.078	37.037	35.381	10.319	0.557	0.499	---	---	TOTAL
MEAN	---	---	---	---	0.087	0.921	1.14	0.330	0.018	0.016	---	---	MEAN
MAX	---	---	---	---	0.269	1.35	1.41	0.653	0.027	0.130	---	---	MAX
MIN	---	---	---	---	0	0.215	0.710	0.014	0.010	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.417
MAXIMUM DAILY, 1.61 ON JUL 15
MINIMUM DAILY, 0 ON MAY 1

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 30 N
LONG 113 35 00 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 080
FEB	---	AUG	983
MAR	---	SEP	468
APR	---	OCT	431
MAY	180	NOV	---
JUN	2 410	DEC	---

TOTAL DISCHARGE, 9 830 dam³

BOW RIVER NEAR BEERE - STATION NO. 05BE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.7	47.9	41.6	47.6	33.6	130	128	105	78.7	54.5	42.6	38.3	1
2	38.2	43.0	42.5	48.5	36.0	132	128	103	76.6	54.2	42.4	38.5	2
3	38.6	38.6	46.6	46.7	36.6	130	128	102	80.4	49.8	41.4	39.6	3
4	39.4	42.5	47.0	43.3	36.4	130	121	96.4	72.2	46.4	39.5	40.6	4
5	39.9	46.6	46.7	48.7	32.2	128	117	102	80.3	38.0	44.7	44.2	5
6	38.6	43.0	50.1	50.2	33.3	130	128	102	84.3	35.8	54.6	45.8	6
7	37.8	40.5	47.6	41.6	27.7	134	118	101	85.3	43.8	55.1	47.6	7
8	38.4	40.6	47.2	45.3	44.6	128	114	102	78.0	41.0	48.7	38.4	8
9	38.7	37.4	48.5	43.1	26.8	138	123	97.1	83.6	44.7	38.2	40.2	9
10	39.6	38.6	37.6	48.0	41.9	137	131	98.4	61.8	53.8	35.2	48.4	10
11	38.2	41.3	43.2	35.1	41.0	122	128	95.3	64.7	48.3	19.0	45.0	11
12	38.1	47.3	47.3	48.1	21.1	111	134	88.4	65.8	38.0	28.4	48.4	12
13	38.4	48.3	48.8	48.7	42.7	113	138	89.2	78.8	38.1	33.1	55.6	13
14	37.4	47.8	44.7	41.6	37.2	120	138	98.3	105	40.3	36.6	53.8	14
15	44.8	46.2	47.3	52.7	28.2	133	122	88.4	101	43.3	41.8	48.8	15
16	48.6	42.2	48.6	48.8	38.6	133	130	86.0	80.6	34.7	38.2	51.6	16
17	38.1	48.7	56.0	47.6	38.4	110	134	91.8	88.7	41.8	31.4	52.4	17
18	43.9	48.1	51.8	45.7	40.1	106	143	71.4	74.3	43.7	32.6	41.8	18
19	37.7	42.3	51.8	46.8	61.3	112	134	71.4	73.4	38.4	33.3	43.3	19
20	38.7	43.8	58.8	47.6	84.6	134	133	76.6	70.7	38.8	30.8	48.2	20
21	38.8	45.8	54.7	43.3	98.7	142	132	88.7	85.6	39.4	28.8	38.0	21
22	43.3	47.0	60.8	46.7	118	133	132	78.0	81.0	43.1	31.1	38.2	22
23	41.1	48.4	58.4	51.8	126	130	134	84.8	84.1	33.8	38.3	37.1	23
24	41.1	44.2	51.7	44.8	163	95.8	130	87.5	88.7	43.4	38.4	47.3	24
25	46.8	45.0	54.8	53.0	179	102	132	81.2	85.8	39.7	34.8	31.4	25
26	46.7	45.0	56.2	48.1	208	114	118	87.8	85.6	37.8	32.8	30.8	26
27	40.8	48.6	57.6	48.8	192	135	112	83.8	88.6	37.0	34.8	32.8	27
28	50.1	52.1	54.0	43.4	188	138	114	86.0	87.6	37.1	38.8	30.0	28
29	49.0		50.0	40.6	136	136	105	80.9	36.7	47.6	35.7	30.9	29
30	45.3		52.8	38.1	137	133	110	86.5	83.8	45.8	31.4	41.3	30
31	47.8		43.6		133		103	72.3		38.3		31.0	31
TOTAL	1 203.7	1 244.6	1 541.7	1 387.7	2 418.6	3 717.5	3 867	2 886.2	2 182.1	1 277.7	1 102.7	1 301.8	TOTAL
MEAN	40.8	44.5	49.7	46.3	78.0	124	124	93.4	71.7	41.2	35.8	42.0	MEAN
MAX	50.1	52.1	60.8	54.7	208	142	143	105	105	54.5	55.1	55.6	MAX
MIN	38.4	38.6	37.4	38.1	21.1	95.8	103	86.0	38.7	37.0	19.0	38.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 66.2
MAXIMUM DAILY, 208 ON MAY 26
MINIMUM DAILY, 19.0 ON NOV 11

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 07 10 N
LONG 114 02 00 W
DRAINAGE AREA, 5 170 km²

REGULATED SINCE 1911

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	108 000	JUL	232 000
FEB	103 000	AUG	221 000
MAR	133 000	SEP	168 000
APR	117 000	OCT	110 000
MAY	208 000	NOV	95 200
JUN	321 000	DEC	112 000

TOTAL DISCHARGE, 2 050 000 dam³

BOW RIVER NEAR THE MOUTH - STATION NO. 05BN012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.5B	38.0B	46.0B	107 B	46.4	101	29.0A	25.1	13.6 E	10.2	67.2	19.0B	1
2	32.5B	34.5B	47.5B	130 B	46.1	92.8	24.7A	24.2	12.1 E	13.0	65.5	21.0B	2
3	35.0B	32.5B	49.0B	118 B	43.4	101	23.6A	22.9	10.7 E	44.7	65.2	24.0B	3
4	38.0B	32.0B	50.0B	110 B	38.8	84.3	23.1A	22.6	9.20E	105	66.6	26.0B	4
5	40.0B	32.0B	52.0B	116 B	36.0	80.8	22.6A	22.6	9.90E	83.8	71.1	32.0B	5
6	44.0B	33.0B	54.0B	123 B	32.8A	86.0	19.7E	23.0	9.80E	58.8	62.0	35.0B	6
7	46.3B	34.0B	56.0B	116 E	34.4A	86.8	19.8E	22.5	10.0 E	51.2	56.0B	39.0B	7
8	47.0B	35.0B	57.5B	113 E	34.6E	85.3	19.5E	21.8	10.0 E	47.1	54.7B	42.0B	8
9	45.0B	36.5B	59.0B	106 E	34.6A	20.3	19.5E	22.0	10.0 E	46.0	53.3B	46.0B	9
10	44.0B	37.0B	60.0B	103 E	35.6A	80.7	19.5E	22.3	10.0 E	41.4	52.0B	50.0B	10
11	43.5B	38.5B	62.4B	97.0A	25.3	86.8	19.8E	23.3	9.98A	39.6	53.0B	54.0B	11
12	43.5B	39.0B	64.0B	85.4	23.3A	79.6	19.8E	23.7	10.7	38.6	54.0B	56.0B	12
13	44.5B	39.5B	67.0B	80.1A	23.6E	74.7	19.8E	30.4	19.8	38.3	55.0B	60.0B	13
14	46.0B	39.5B	69.0B	76.7E	23.8A	85.4	21.8A	30.6	41.1	53.3	55.0B	64.0B	14
15	47.5B	40.0B	71.0B	76.2E	22.0A	87.3	24.3	26.5	325	90.1	60.0B	67.0B	15
16	49.0B	40.0B	74.0B	86.1A	21.6E	90.2	26.0	22.3	235	46.7	58.0B	68.1B	16
17	50.0B	40.5B	75.0B	82.9	21.6E	45.4	25.2	23.9	177	49.6	53.0B	70.0B	17
18	52.0B	40.5B	82.0B	86.6	21.3A	34.5	24.9	22.0	147	53.7	48.0B	72.0B	18
19	54.0B	40.5B	88.0B	89.9	21.0E	36.8	25.5	24.6	121	54.4	38.0B	74.0B	19
20	53.0B	40.5B	91.0B	71.5	20.8E	43.3	27.4	24.4A	91.5	52.7	30.0B	75.0B	20
21	54.4B	40.5B	94.0B	66.1	20.6E	40.8	25.8	24.9	72.2	72.5	24.0B	76.0B	21
22	51.5B	40.5B	96.0B	71.7	20.4E	27.4	26.9	32.3	89.6	73.0	18.0B	77.0B	22
23	51.0B	40.5B	102 B	67.3	24.2A	23.1	40.0	33.2	66.7	66.0	14.0B	77.5B	23
24	51.0B	40.5B	110 B	63.0	23.6	33.2	45.4	29.8	41.2	76.3	14.0B	78.0B	24
25	51.5B	40.9B	112 B	59.4	25.3	67.1	41.4	26.7	33.3	78.4	14.0B	77.5B	25
26	51.8B	41.5B	112 B	62.4	22.3	55.3	36.7	31.5	25.1	66.0	18.0B	77.0B	26
27	52.0B	42.0B	111 B	57.6	57.5	46.4	33.6	30.0E	24.6	78.4	18.0B	76.0B	27
28	52.0B	43.0B	106 B	50.7	112	40.0	35.5	19.4E	19.2	85.6	18.0B	75.0B	28
29	50.0B		102 B	47.6	135	32.3	25.2	18.0E	23.1	80.5	18.0B	74.5B	29
30	48.0B		99.0B	38.2A	113	27.9	24.6	16.5E	14.8	87.7	18.0B	74.0B	30
31	44.0B		94.0B		98.1		25.1	15.1E		87.5		73.0B	31
TOTAL	1 444.5	1 072.4	2 415.4	2 499.6	1 220.0	1 756.5	835.5	752.4	1 671.85	1 745.5	1 311.6	1 833.5	TOTAL
MEAN	46.6	38.3	77.9	83.3	39.4	58.6	26.5	25.6	55.7	56.3	43.7	59.1	MEAN
MAX	54.4	43.0	112	123	135	101	45.4	30.6	325	105	71.1	78.0	MAX
MIN	30.5	32.0	46.0	24.2	20.6	23.1	19.5	15.1	9.20	10.2	18.0	19.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 50.9
MAXIMUM DAILY, 325 ON SEP 15
MINIMUM DAILY, 9.20E ON SEP 4
MAXIMUM INSTANTANEOUS,
332 AT 11:15 MST ON SEP 15

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 47 N
LONG 111 35 28 W
DRAINAGE AREA, 25 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1911

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	125 000	JUL	71 300
FEB	92 700	AUG	68 500
MAR	208 000	SEP	144 000
APR	216 000	OCT	151 000
MAY	105 000	NOV	113 000
JUN	152 000	DEC	158 000

TOTAL DISCHARGE, 1 510 000 dam³

BOYER RIVER NEAR FORT VERMILION - STATION NO. 07JF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0848	0.0808	22.0 B	7.38	0.039	0.005	0.018	0.013	---	---	1
2	---	---	0.0848	0.1058	24.1 B	6.15	0.035	0.036	0.014	0.017	---	---	2
3	---	---	0.0848	0.1068	27.3	4.84	0.030	0.041	0.008	0.014	---	---	3
4	---	---	0.0848	0.1078	28.2	4.13	0.035	0.042	0.005	0.021	---	---	4
5	---	---	0.0848	0.1168	29.0	3.52	0.018	0.036	0.005	0.065	---	---	5
6	---	---	0.0848	0.1288	30.7	2.94	0.018	0.035	0.004	0.104	---	---	6
7	---	---	0.0848	0.1488	33.9	2.68	0.012	0.023	0.004	0.131	---	---	7
8	---	---	0.0848	0.1588	36.3	3.20	0.008	0.013	0.003	0.126	---	---	8
9	---	---	0.0848	0.1878	38.9	1.82	0.006	0.008	0.003	0.116	---	---	9
10	---	---	0.0848	0.2338	38.7	1.66	0.008	0.005	0.003	0.108	---	---	10
11	---	---	0.0848	0.2928	40.3	1.40	0.006	0.005	0.003	0.110	---	---	11
12	---	---	0.0848	1.06 B	39.1	1.13	0.005	0.004	0.003	0.107	---	---	12
13	---	---	0.0848	2.76 B	36.6	0.861	0.005	0.004	0.003	0.094	---	---	13
14	---	---	0.0708	5.35 B	33.0	0.736	0.004	0.004	0.004	0.085	---	---	14
15	---	---	0.0708	8.16 B	29.6	0.686	0.004	0.005	0.005	0.854	---	---	15
16	---	---	0.0708	9.76 B	25.7	0.580	0.004	0.004	0.032	1.16	---	---	16
17	---	---	0.0708	13.0 B	22.7	0.488	0.004	0.004	0.014	2.30	---	---	17
18	---	---	0.0758	14.6 B	20.3	0.384	0.004	0.004	0.006	2.27	---	---	18
19	---	---	0.0808	17.0 B	18.2	0.346	0.004	0.004	0.005	1.62	---	---	19
20	---	---	0.0808	20.7 B	16.8	0.308	0.004	0.010	0.005	1.21	---	---	20
21	---	---	0.0808	20.7 B	14.8	0.228	0.005	0.008	0.005	1.01	---	---	21
22	---	---	0.0758	20.1 B	13.3	0.218	0.008	0.008	0.005	0.873	---	---	22
23	---	---	0.0708	18.7 B	12.0	0.184	0.007	0.007	0.005	1.63	---	---	23
24	---	---	0.0858	16.9 B	10.6	0.170	0.008	0.010	0.005	1.71	---	---	24
25	---	---	0.0858	15.0 B	9.34	0.158	0.008	0.028	0.011	2.16 B	---	---	25
26	---	0.0848	0.0858	14.6 B	8.02	0.132	0.008	0.028	0.008	2.38 B	---	---	26
27	---	0.0848	0.0858	15.0 B	7.08	0.108	0.007	0.023	0.008	2.01 B	---	---	27
28	---	0.0848	0.0708	15.3 B	6.46	0.088	0.008	0.020	0.008	1.78 B	---	---	28
29	---		0.0858	16.7 B	5.76	0.088	0.008	0.018	0.008	1.58 B	---	---	29
30	---		0.0848	20.2 B	5.17	0.068	0.008	0.025	0.012	1.65 B	---	---	30
31	---		0.0808		4.82		0.008	0.019		1.84 B		---	31
TOTAL	---	---	2.160	378.282	583.67	45.887	0.311	0.488	0.330	35.276	---	---	TOTAL
MEAN	---	---	0.070	9.18	22.1	1.53	0.010	0.018	0.008	0.913	---	---	MEAN
MAX	---	---	0.088	20.7	40.3	7.38	0.039	0.042	0.032	2.38	---	---	MAX
MIN	---	---	0.064	0.080	4.82	0.068	0.004	0.004	0.003	0.013	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.23
MAXIMUM DAILY, 40.3 ON MAY 11
MINIMUM DAILY, 0.003 ON SEP 8
MAXIMUM INSTANTANEOUS,
40.7 AT 13:30 MST ON MAY 11

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 28 43 N
LONG 118 15 10 W
DRAINAGE AREA, 9 880 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	39.0
FEB	---	AUG	43.0
MAR	187	SEP	28.9
APR	23 800	OCT	3 400
MAY	68 100	NOV	---
JUN	3 950	DEC	---

TOTAL DISCHARGE, 85 500 dam³

BEAVER RIVER NEAR PADDLE PRAIRIE - STATION NO. 07JF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.402B	0.708	0	0	0	0	0.001	0.001B	---	1
2	---	---	0 B	0.453B	0.704	0	0	0	0	0.001	---	---	2
3	---	---	0 B	0.475B	0.726	0	0	0	0	0.001	---	---	3
4	---	---	0 B	3.56 B	0.861	0	0	0	0	0.001	---	---	4
5	---	---	0 B	2.40 B	0.533	0	0	0	0	0.001	---	---	5
6	---	---	0 B	1.91 B	0.351	0	0	0	0	0.001	---	---	6
7	---	---	0 B	2.20 B	0.206	0	0	0	0	0.001	---	---	7
8	---	---	0 B	1.25 B	0.153	0	0	0	0	0.001	---	---	8
9	---	---	0 B	1.01 E	0.180E	0	0	0	0	0.002	---	---	9
10	---	---	0 B	0.755E	0.170E	0	0	0	0	0.001	---	---	10
11	---	---	0 B	0.615E	0.190E	0	0	0	0	0.001	---	---	11
12	---	---	0 B	0.595E	0.100E	0	0	0	0	0	---	---	12
13	---	---	0 B	0.675E	0.060E	0	0	0	0	0	---	---	13
14	---	---	0 B	0.702E	0.045E	0	0	0	0	0	---	---	14
15	---	---	0 B	0.704A	0.025E	0	0	0	0	0	---	---	15
16	---	---	0 B	0.815	0.020E	0	0	0	0	0	---	---	16
17	---	---	0 B	1.19	0.017E	0	0	0	0	0.001	---	---	17
18	---	---	0 B	1.43	0.015E	0	0	0	0	0	---	---	18
19	---	---	0 B	1.31	0.010E	0	0	0	0	0	---	---	19
20	---	---	0 B	1.13	0.005E	0	0	0	0	0	---	---	20
21	---	---	0 B	1.09	0.002E	0	0	0	0	0.001	---	---	21
22	---	---	0 B	0.997	0	0	0	0	0	0.002	---	---	22
23	---	---	0 B	0.939	0	0	0	0	0	0.001	---	---	23
24	---	---	0 B	0.672	0	0	0	0	0	0.0018	---	---	24
25	---	0B	0 B	0.983	0	0	0	0	0	0.0018	---	---	25
26	---	0B	0 B	1.14	0	0	0	0	0.001A	0 B	---	---	26
27	---	0B	0.0308	1.14	0	0	0	0	0.002A	0 B	---	---	27
28	---	0B	0.0308	1.01	0	0	0	0	0.001	0 B	---	---	28
29	---		0.4728	0.870	0	0	0	0	0.001	0.0018	---	---	29
30	---		0.4488	0.778	0	0	0	0	0.001	0.0018	---	---	30
31	---		0.4308		0		0	0		0.0018		---	31
TOTAL	---	---	1.458	33.912	4.851	0	0	0	0.008	0.023	---	---	TOTAL
MEAN	---	---	0.047	1.13	0.157	0	0	0	0	0.001	---	---	MEAN
MAX	---	---	0.472	3.56	0.726	0	0	0	0.002	0.002	---	---	MAX
MIN	---	---	0	0.402	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.164
MAXIMUM DAILY, 3.560 ON APR 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.410 AT 08:30 MST ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 54 30 N
LONG 117 36 45 W
DRAINAGE AREA, 94.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	126	SEP	0.52
APR	2 930	OCT	1.89
MAY	422	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 480 dam³

BRAZEAU RESERVOIR - STATION NO. 05DD004

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	961.40	958.87	955.12	950.48	948.39	951.10	955.12	958.11	963.53	965.64	965.85	964.08	1
2	961.35	958.78	955.03	950.34	948.42	951.19	955.30	958.14	963.69	965.67	965.91	963.99	2
3	961.18	958.60	954.91	950.12	948.64	951.22	955.52	958.20	963.72	965.67	965.91	963.90	3
4	961.03	958.50	954.82	949.88	948.75	951.40	955.70	958.38	963.78	965.67	965.91	963.84	4
5	961.00	958.35	954.88	949.91	948.93	951.40	955.85	958.47	963.87	965.70	965.94	963.78	5
6	960.84	958.20	954.48	949.78	948.93	951.59	956.04	958.54	963.96	965.78	965.84	963.69	6
7	960.82	958.08	954.36	949.85	948.89	951.68	956.19	958.60	964.08	965.78	965.82	963.59	7
8	960.78	957.89	954.21	949.70	949.03	951.68	956.34	958.72	964.23	965.78	965.78	963.53	8
9	960.87	957.78	954.08	949.70	948.12	952.04	956.43	958.90	964.30	965.82	965.73	963.41	9
10	960.58	957.62	953.99	949.63	949.09	952.01	956.52	959.14	964.36	965.85	965.78	963.36	10
11	960.46	957.50	953.87	949.60	949.03	952.10	956.65	959.36	964.48	965.88	965.87	963.23	11
12	960.38	957.41	953.72	949.60	948.80	952.04	956.83	959.48	964.63	965.91	965.81	963.11	12
13	960.33	957.29	953.51	949.57	948.84	952.07	956.95	959.66	965.06	965.94	965.90	963.06	13
14	960.24	957.07	953.32	949.54	948.78	952.20	957.04	959.82	965.36	965.97	965.55	963.02	14
15	960.15	956.92	953.14	949.60	948.69	952.23	957.10	960.06	965.42	966.00	965.51	962.80	15
16	960.03	956.77	952.96	949.60	948.60	952.32	957.13	960.42	965.45	965.85	965.42	962.71	16
17	959.94	956.56	952.87	949.54	948.54	952.35	957.25	960.73	965.45	966.06	965.33	962.53	17
18	959.85	956.45	952.71	949.45	948.57	952.41	957.38	961.06	965.45	966.09	965.27	962.31	18
19	959.78	956.34	952.56	949.42	948.85	952.41	957.47	961.31	965.45	966.09	965.18	962.07	19
20	959.72	956.25	952.44	949.30	948.81	952.44	957.59	961.52	965.42	966.06	965.06	961.89	20
21	959.63	956.13	952.26	949.15	948.96	952.65	957.64	961.80	965.48	966.09	964.97	961.74	21
22	959.51	955.94	952.07	949.15	948.78	952.90	957.71	962.04	965.45	966.09	964.84	961.58	22
23	959.48	955.85	951.92	949.09	949.33	953.05	957.86	962.16	965.48	966.09	964.75	961.49	23
24	959.46	955.78	951.77	949.03	949.48	953.17	957.80	962.35	965.48	966.06	964.63	961.43	24
25	959.51	955.73	951.82	948.98	949.70	953.48	957.86	962.55	965.48	966.03	964.54	961.34	25
26	959.54	955.65	951.46	948.84	950.00	953.78	957.93	962.80	965.48	966.00	964.48	961.25	26
27	959.48	955.40	951.25	948.88	950.24	954.02	958.02	962.98	965.51	965.94	964.39	961.18	27
28	959.39	955.24	951.10	948.87	950.34	954.33	958.05	963.05	965.51	965.91	964.30	961.03	28
29	959.27		950.92	948.81	950.55	954.50	958.05	963.17	965.55	965.91	964.27	960.84	29
30	959.14		950.73	948.48	950.79	954.88	958.02	963.26	965.61	965.88	964.20	960.79	30
31	958.98		950.58		951.04		958.05	963.41		965.88		960.67	31
MEAN	960.13	957.03	952.98	949.44	949.20	952.80	957.01	960.58	964.89	965.91	965.27	962.49	MEAN
MAX	961.40	958.87	955.12	950.48	951.04	954.88	958.05	963.41	965.61	966.09	965.94	964.08	MAX
MIN	958.98	955.24	950.58	948.48	948.39	951.10	955.12	958.11	963.53	965.64	964.20	960.67	MIN

WATER LEVELS IN METRES

MEAN, 956.13
MAXIMUM DAILY, 966.09 ON OCT 16
MINIMUM DAILY, 948.39 ON MAY 1

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 58 16 N
LONG 115 34 48 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
5 500 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BRAZEAU RIVER BELOW BRAZEAU PLANT - STATION NO. 05DD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	55.1	45.9	41.9	40.6	32.8	65.7	64.3	37.4	0.652	46.5	33.4	49.3	1
2	53.2	47.5	28.2	52.0	29.5	53.7	64.5	48.4	3.21	45.0	4.03	49.4	2
3	42.7	43.4	33.3	47.7	18.6	56.5	41.8	22.5	33.6	45.3	59.6	53.5	3
4	42.7	46.9	51.0	31.6	23.5	60.4	44.1	6.78	22.5	58.3	36.5	43.1	4
5	31.5	52.7	45.8	37.5	18.5	69.3	65.7	25.1	26.6	51.0	33.6	39.1	5
6	30.7	44.6	42.0	18.0	39.5	54.2	41.9	33.2	26.6	20.1	37.1	43.2	6
7	46.2	46.8	41.2	29.3	37.5	37.5	48.8	25.7	5.00	42.5	47.6	51.1	7
8	38.5	48.1	43.0	25.9	34.9	33.3	48.6	26.3	0.652	36.7	37.8	45.1	8
9	40.3	40.5	29.9	47.3	44.3	52.5	46.4	28.6	35.7	44.7	39.8	40.7	9
10	40.0	42.9	31.6	48.0	43.6	64.5	42.6	5.83	36.3	45.8	24.2	43.5	10
11	39.7	40.0	43.8	43.2	37.3	48.5	48.7	0.859	36.6	33.5	26.6	51.6	11
12	39.0	45.5	47.4	46.3	41.0	68.4	33.0	28.9	47.2	33.4	35.6	76.7	12
13	38.8	50.8	47.8	37.4	48.3	49.7	32.4	41.6	61.5	40.2	46.6	81.4	13
14	42.2	54.9	51.4	36.8	45.1	41.4	38.1	39.3	135	0	694	33.6	40.9	14
15	43.1	51.0	46.2	34.8	47.9	51.0	46.0	34.6	152	39.3	42.5	45.2	15
16	40.3	46.2	37.8	36.3	53.3	21.0	34.1	38.1	146	44.3	66.4	59.8	16
17	46.1	45.5	27.4	42.6	46.0	37.4	29.5	11.7	135	33.4	56.6	112	17
18	35.0	43.9	47.2	40.4	29.7	43.5	40.6	14.4	116	47.2	50.8	98.1	18
19	33.2	44.2	43.7	42.4	16.0	66.9	35.1	23.9	102	46.5	64.5	92.8	19
20	31.7	46.0	40.0	55.8	30.1	35.7	31.5	36.6	105	43.6	52.3	80.5	20
21	38.9	46.7	45.5	31.3	42.2	38.6	30.7	38.6	79.5	41.6	60.1	72.2	21
22	41.9	47.4	49.3	41.8	40.7	19.3	43.4	41.2	84.4	36.6	63.8	67.3	22
23	16.9	37.7	28.0	44.5	43.5	10.0	30.3	40.6	87.6	44.5	42.3	62.9	23
24	3.83	30.3	30.2	51.5	38.7	40.6	74.8	30.1	76.1	43.2	66.0	37.5	24
25	3.73	42.5	47.0	50.3	58.3	34.1	41.3	17.1	75.1	48.0	51.6	43.7	25
26	10.5	43.6	41.5	51.2	56.2	41.3	36.9	17.2	84.0	56.2	49.3	32.0	26
27	16.9	42.5	44.8	35.9	47.5	53.7	33.8	13.1	73.4	51.2	48.2	50.6	27
28	41.5	45.4	43.2	35.0	61.1	40.0	45.4	35.7	48.0	51.4	50.5	50.5	28
29	46.3		46.4	45.1	46.5	61.2	54.5	28.3	46.1	45.2	39.9	40.2	29
30	56.7		39.5	42.4	48.8	47.8	59.0	25.8	45.4	36.3	46.2	74.0	30
31	42.8		40.1		72.2		30.9	2.91		32.4		46.0	31
TOTAL	1 098.66	1 276.0	1 276.7	1 210.5	1 284.5	1 368.2	1 330.2	841.279	1 809.124	1 287.694	1 306.63	1 762.6	TOTAL
MEAN	35.4	45.6	41.2	40.4	41.4	45.6	42.9	27.1	63.5	41.5	43.6	56.9	MEAN
MAX	56.7	66.8	51.4	56.9	72.2	85.7	74.8	60.6	152	58.2	66.4	112	MAX
MIN	3.73	37.7	27.4	18.0	16.5	10.0	30.6	0.859	0.652	0.694	4.03	32.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.7
MAXIMUM DAILY, 152 ON SEP 15
MINIMUM DAILY, 0.652 ON SEP 1

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 54 45 N
LONG 115 31 50 W
DRAINAGE AREA, 5 880 km²

REGULATED SINCE 1960

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	94 900	JUL	115 000
FEB	110 000	AUG	73 700
MAR	110 000	SEP	156 000
APR	105 000	OCT	111 000
MAY	111 000	NOV	113 000
JUN	118 000	DEC	152 000

TOTAL DISCHARGE, 1 380 000 dam³

BRAZEAU RIVER BELOW CARDINAL RIVER - STATION NO. 05DD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	15.38	57.0	64.0	45.6	43.0	38.6	17.78	---	1
2	---	---	---	---	15.66	55.0	66.4	44.8	40.2	37.6	---	---	2
3	---	---	---	---	17.38	55.2	61.8	45.5	38.0	36.1	---	---	3
4	---	---	---	---	21.06	57.4	63.9	46.7	38.2	33.8	---	---	4
5	---	---	---	---	17.38	56.1	64.7	46.4	41.0	33.6	---	---	5
6	---	---	---	---	15.86	52.6	62.5	44.1	46.0	33.4	---	---	6
7	---	---	---	---	15.34	46.8	73.4	42.4	40.4	32.1	---	---	7
8	---	---	---	---	15.32	46.6	80.5	57.1	38.0	30.3	---	---	8
9	---	---	---	---	15.78	43.5	70.7	86.2	38.6	30.4	---	---	9
10	---	---	---	---	15.42	36.7	71.6	82.0	43.6	30.3	---	---	10
11	---	---	---	---	14.08	38.7	71.9	48.0	49.7	30.6	---	---	11
12	---	---	---	---	20.56	38.6	66.8	61.6	63.6	29.6	---	---	12
13	---	---	---	---	23.46	41.9	63.1	63.6	116	28.9	---	---	13
14	---	---	---	---	25.56	42.4	55.5	58.7	85.0	28.6	---	---	14
15	---	---	---	---	24.66	43.9	52.7	66.5	61.6	28.6	---	---	15
16	---	---	---	---	33.46	39.7	52.9	83.3	73.3	28.6	---	---	16
17	---	---	---	---	37.08	38.7	66.9	61.4	67.8	27.4	---	---	17
18	---	---	---	---	43.6	38.6	63.7	61.3	63.4	26.2	---	---	18
19	---	---	---	---	56.3	63.3	61.0	76.5	59.7	25.7	---	---	19
20	---	---	---	---	99.6	88.2	51.3	66.0	56.3	25.6	---	---	20
21	---	---	---	---	98.6	67.3	62.0	89.3	52.6	25.0	---	---	21
22	---	---	---	---	80.7	63.0	64.3	77.4	51.0	24.3	---	---	22
23	---	---	---	---	86.8	48.7	66.1	76.8	47.0	23.6	---	---	23
24	---	---	---	---	71.7	63.4	67.4	76.8	47.6	22.2	---	---	24
25	---	---	---	---	77.2	67.3	53.3	73.6	45.1	21.6	---	---	25
26	---	---	---	---	88.7	61.3	49.7	66.1	45.3	20.38	---	---	26
27	---	---	---	---	87.8	78.8	47.3	68.9	44.5	20.08	---	---	27
28	---	---	---	---	82.0	67.3	44.8	64.3	39.6	19.88	---	---	28
29	---		---	---	85.8	67.9	44.0	61.1	39.2	19.08	---	---	29
30	---		---	---	70.0	104	43.0	48.1	39.1	18.58	---	---	30
31	---		---		84.2		43.3	45.8		18.08		---	31
TOTAL	---	---	---	---	1 215.8	1 647.8	1 921.1	1 841.7	1 647.6	847.8	---	---	TOTAL
MEAN	---	---	---	---	39.3	54.9	62.0	63.6	62.9	27.3	---	---	MEAN
MAX	---	---	---	---	99.6	104	84.0	89.3	116	36.6	---	---	MAX
MIN	---	---	---	---	15.3	36.7	43.0	42.4	38.0	18.0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 49.6
MAXIMUM DAILY, 116 ON SEP 13
MINIMUM DAILY, 15.34 ON MAY 7
MAXIMUM INSTANTANEOUS,
126 AT 09:05 MST ON SEP 13

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 53 50 N
LONG 116 34 40 W
DRAINAGE AREA, 2 550 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	188 000
FEB	---	AUG	188 000
MAR	---	SEP	137 000
APR	---	OCT	73 200
MAY	105 000	NOV	---
JUN	142 000	DEC	---

TOTAL DISCHARGE, 791 000 dam³

BREWSTER CREEK NEAR BANFF - STATION NO 05BB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.341E	5.08	3.95	0.662	0.737	0.843	---	---	1
2	---	---	---	---	0.379E	4.54	3.17	0.617	0.695	0.825	---	---	2
3	---	---	---	---	0.435E	3.99	3.15	0.797	0.705	0.797	---	---	3
4	---	---	---	---	0.510E	3.62	3.11	0.821	0.707	0.760	---	---	4
5	---	---	---	---	0.474E	3.11	3.04	0.834	0.821	0.748	---	---	5
6	---	---	---	---	0.482E	3.78	2.91	0.787	0.948	0.781	---	---	6
7	---	---	---	---	0.461E	3.83	2.23	0.718	0.888	0.716	---	---	7
8	---	---	---	---	0.515E	5.57	2.13	0.823	0.850	0.673	---	---	8
9	---	---	---	---	0.545E	4.39	2.18	0.788	0.885	0.656	---	---	9
10	---	---	---	---	0.539E	3.65	2.18	0.787	0.906	0.632	---	---	10
11	---	---	---	---	0.517E	2.82	2.09	0.787	1.05	0.615	---	---	11
12	---	---	---	---	0.498E	3.75	1.84	0.832	1.96	0.593	---	---	12
13	---	---	---	---	0.501E	3.96	1.76	0.810	2.25	0.567	---	---	13
14	---	---	---	---	0.551E	4.27	1.54	0.789	2.95	0.588	---	---	14
15	---	---	---	---	0.600E	4.36	1.42	1.07	2.36	0.606	---	---	15
16	---	---	---	---	0.916	3.89	1.33	1.18	2.01	0.639	---	---	16
17	---	---	---	---	1.67	3.21	1.80	1.49	1.86	0.582	---	---	17
18	---	---	---	---	2.24	3.50	1.55	1.82	1.73	0.538	---	---	18
19	---	---	---	---	2.79	4.46	1.36	1.53	1.52	0.530	---	---	19
20	---	---	---	---	3.39	5.47	1.28	1.38	1.47	0.522	---	---	20
21	---	---	---	---	3.77	4.15	1.25	1.27	1.38	0.489	---	---	21
22	---	---	---	0.170E	4.02	3.29	1.24	1.81	1.26	0.484	---	---	22
23	---	---	---	0.185E	4.61	2.78	1.24	1.30	1.20	0.472	---	---	23
24	---	---	---	0.200E	4.21	3.36	1.17	1.17	1.13	0.454	---	---	24
25	---	---	---	0.210E	5.47	2.03	1.06	1.12	1.06	0.462	---	---	25
26	---	---	---	0.220E	5.75	1.93	1.02	1.06	1.03	0.484	---	---	26
27	---	---	---	0.240E	4.89	2.08	0.975	0.980	0.980	0.565	---	---	27
28	---	---	---	0.260E	4.39	2.46	0.936	0.905	0.932	0.490A	---	---	28
29	---	---	---	0.285E	4.32	3.42	0.886	0.849	0.884	0.485E	---	---	29
30	---	---	---	0.320E	4.47	3.83	0.872	0.841	0.850	0.440E	---	---	30
31	---	---	---		4.78		0.856	0.784		0.420E		---	31
TOTAL	---	---	---	---	74.785	109.93	64.635	31.313	38.778	18.414	---	---	TOTAL
MEAN	---	---	---	---	2.41	3.66	1.77	1.01	1.29	0.594	---	---	MEAN
MAX	---	---	---	---	5.47	5.57	3.95	1.82	3.95	0.843	---	---	MAX
MIN	---	---	---	---	0.341	1.93	0.856	0.718	0.695	0.420	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.78
MAXIMUM DAILY, 5.47 ON MAY 25
MINIMUM DAILY, 0.341E ON MAY 1
MAXIMUM INSTANTANEOUS,
5.83 AT 10:00 MST ON MAY 25

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 55 N
LONG 115 39 55 W
DRAINAGE AREA, 109 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4 780
FEB	---	AUG	2 700
MAR	---	SEP	3 350
APR	---	OCT	1 590
MAY	6 480	NOV	---
JUN	9 500	DEC	---

TOTAL DISCHARGE, 28 300 dam³

BRIDLEBIT CREEK NEAR VALLEYVIEW - STATION NO. 07EF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0098	0.135	0.035	0	0	0	0.075	---	---	1
2	---	---	---	0.0118	0.109	0.023	0	0	0	0.071	---	0.0039	2
3	---	---	---	0.0108	0.114	0.026	0	0	0	0.084	---	---	3
4	---	---	---	0.0158	0.110	0.023	0	0	0	0.198	0.0388	---	4
5	---	---	---	0.0188	0.084	0.022	0	0	0	0.183	---	---	5
6	---	---	---	0.0218	0.080	0.011	0	0	0	0.074	---	---	6
7	---	---	---	0.0308	0.085	0.006	0	0	0	0.051	---	---	7
8	---	---	---	0.0858	0.068	0.001	0	0	0	0.043	---	---	8
9	---	---	---	0.2548	0.053	0	0	0	0 E	0.055	---	0.0038	9
10	---	---	---	0.5718	0.065	0	0	0	0 E	0.085	---	---	10
11	---	---	---	0.8308	0.069	0	0	0	0 E	0.063	---	---	11
12	---	---	---	1.12 B	0.066	0	0	0	0.005E	0.051	0.0178	---	12
13	---	---	---	1.89 B	0.065	0	0	0	0.014E	0.069	---	---	13
14	---	---	---	1.75	0.071	0	0	0	0.022E	0.073	---	---	14
15	---	---	---	1.28	0.231	0.170	0	0	0.030E	0.111	---	---	15
16	---	---	---	0.838	0.108	0.124	0	0	0.037E	0.188	---	0.0038	16
17	---	---	---	0.638	0.038	0.033	0	0	0.035	0.172	---	---	17
18	---	---	0.0028	0.553	0.011	0.006	0	0	0.027	0.185	0.0038	---	18
19	---	---	---	0.433	0.008	0.001	0	0	0.033	0.167	---	---	19
20	---	---	---	0.350	0.006	0	0	0	0.034	0.138	---	---	20
21	---	---	---	0.317	0.003	0	0	0	0.043	0.131	---	---	21
22	---	---	---	0.280	0	0	0	0	0.057	0.103	---	---	22
23	---	---	0.0038	0.313	0	0	0	0	0.055	0.080	---	---	23
24	---	---	0 B	0.295	0.018	0.003	0	0	0.051	0.077	---	---	24
25	---	---	0.0018	0.238	0.032	0.004	0	0	0.051	0.087	0.0118	---	25
26	---	---	0.0038	0.384	0.020	0	0	0	0.120	0.080	---	---	26
27	---	---	0.0038	0.273	0.031	0	0	0	0.138	0.066	---	---	27
28	---	---	0.0038	0.238	0.031	0	0	0	0.108	0.051	---	---	28
29	---		0.0038	0.193	0.040	0	0	0	0.068	0.048	---	---	29
30	---		0.0088	0.148	0.037	0	0	0	0.073	0.044	---	0.0088	30
31	---		0.0068		0.038		0	0		0.043		---	31
TOTAL	---	---	---	12.747	1.772	0.481	0	0	1.007	3.783	---	---	TOTAL
MEAN	---	---	---	0.425	0.057	0.016	0	0	0.034	0.080	---	---	MEAN
MAX	---	---	---	1.75	0.231	0.170	0	0	0.138	0.198	---	---	MAX
MIN	---	---	---	0.009	0	0	0	0	0	0.043	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.066
MAXIMUM DAILY, 1.75 ON APR 14
MINIMUM DAILY, 0 ON MAY 22
MAXIMUM INSTANTANEOUS,
1.93 AT 03:36 MST ON APR 14

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 33 10 N
LONG 117 44 02 W
DRAINAGE AREA, 19.7 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	87.0
APR	1 100	OCT	348
MAY	183	NOV	---
JUN	42.4	DEC	---

TOTAL DISCHARGE, 1 630 dam³

BROWN CREEK AT FORESTRY ROAD - STATION NO. 05DD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.333	4.40	3.33	0.530	0.934	2.81	---	---	1
2	---	---	---	---	1.66	3.58	2.89	0.469	0.938	2.66	---	---	2
3	---	---	---	---	5.64	2.98	2.54	0.781	0.860	2.38	---	---	3
4	---	---	---	---	6.04	2.63	2.30	0.756	0.882	2.12	---	---	4
5	---	---	---	---	3.01	2.53	2.01	0.615	1.57	2.05	---	---	5
6	---	---	---	---	2.10	2.49	1.78	0.514	2.77	2.05	---	---	6
7	---	---	---	---	2.01	2.27	1.60	0.523	1.76	1.89	---	---	7
8	---	---	---	---	2.00	2.86	1.46	2.65	1.43	1.66	---	---	8
9	---	---	---	---	1.86	2.44	1.35	2.69	1.53	1.82	---	---	9
10	---	---	---	---	1.45	2.13	1.26	2.75	2.69	1.78	---	---	10
11	---	---	---	---	1.20	1.88	1.15	2.24	3.78	1.88	---	---	11
12	---	---	---	---	0.914	1.71	1.15	3.13	8.88	1.74	---	---	12
13	---	---	---	---	0.914	1.83	1.20	4.10	33.2	1.56	---	---	13
14	---	---	---	---	1.02	1.64	1.08	2.98	17.3	1.48	---	---	14
15	---	---	---	---	0.948	1.48	1.03	8.22	12.8	1.54	---	---	15
16	---	---	---	---	1.02	1.36	1.04	8.48	10.0	1.48	---	---	16
17	---	---	---	---	1.12	1.22	1.24	5.60	8.12	1.44	---	---	17
18	---	---	---	---	1.22	1.13	1.02	4.14	6.88	1.35	---	---	18
19	---	---	---	---	1.17	1.07	0.906	3.18	5.95	1.33	---	---	19
20	---	---	---	---	1.07	1.17	0.906	3.88	5.22	1.33	---	---	20
21	---	---	---	---	---	0.986	1.33	0.770	4.61	4.69	1.29	---	---	21
22	---	---	---	---	---	0.916	1.67	0.715	3.35	4.13	1.28	---	---	22
23	---	---	---	---	---	0.900	1.65	0.928	2.96	3.62	1.12 B	---	---	23
24	---	---	---	---	0.368A	0.691	5.37	1.73	2.09	4.00	0.9068	---	---	24
25	---	---	---	---	0.317	3.53	8.83	1.22	1.89	3.51	1.03 B	---	---	25
26	---	---	---	---	0.301	5.27	8.20	0.895	1.80	3.50	0.8268	---	---	26
27	---	---	---	---	0.253	4.14	6.44	0.748	1.49	3.46	1.00 B	---	---	27
28	---	---	---	---	0.182	3.23	5.16	0.693	1.34	2.87	0.9508	---	---	28
29	---		---	---	0.147	6.33	4.44	0.719	1.22	2.81	0.9188	---	---	29
30	---		---	---	0.174	5.19	3.84	0.863	1.00	2.70	0.9008	---	---	30
31	---		---			4.80		0.599	1.02		0.8808		---	31
TOTAL	---	---	---	---	---	73.902	89.19	40.973	80.688	152.704	47.269	---	---	TOTAL
MEAN	---	---	---	---	---	2.38	2.97	1.32	2.61	5.09	1.57	---	---	MEAN
MAX	---	---	---	---	---	6.33	8.83	3.33	8.48	33.2	2.81	---	---	MAX
MIN	---	---	---	---	---	0.333	1.07	0.599	0.469	0.860	0.635	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.64
MAXIMUM DAILY, 33.2 ON SEP 13
MINIMUM DAILY, 0.333 ON MAY 1
MAXIMUM INSTANTANEOUS,
24.8 AT 08:29 MST ON SEP 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 45 40 N
LONG 116 21 20 W
DRAINAGE AREA, 218 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 540
FEB	---	AUG	6 990
MAR	---	SEP	13 200
APR	---	OCT	4 080
MAY	6 390	NOV	---
JUN	7 710	DEC	---

TOTAL DISCHARGE, 41 900 dam³

BUCHANAN CREEK NEAR MANNING - STATION NO. 07HC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.8788	0.648	0.004	0	0	0	0.001	---	---	1
2	---	---	0 B	1.22 B	0.554	0.002	0	0	0	0.001	---	---	2
3	---	---	0 B	1.35 B	0.470	0.003	0	0	0	0.001	---	---	3
4	---	---	0 B	1.30 B	0.405	0.003	0	0	0	0.001	---	---	4
5	---	---	0 B	1.35 B	0.306	0.002	0	0	0	0.001	---	---	5
6	---	---	0 B	1.05 B	0.277	0.002	0	0	0	0.001	---	---	6
7	---	---	0 B	0.6008	0.255	0.002	0	0	0	0.001	---	---	7
8	---	---	0 B	0.6528	0.306	0.001	0	0	0	0.001	---	---	8
9	---	---	0 B	0.6578	0.270	0.004	0	0	0	0.001	---	---	9
10	---	---	0 B	0.6868	0.284	0.005	0	0	0	0.001	---	---	10
11	---	---	0 B	1.24 B	0.281	0.002	0	0	0	0.001	---	---	11
12	---	---	0 B	1.11 B	0.286	0.002	0	0	0	0.002	---	---	12
13	---	---	0.0108	0.7988	0.302	0.002	0	0	0	0.001	---	---	13
14	---	---	0.0488	1.38 B	0.288	0.002	0	0	0.001	0.001	---	---	14
15	---	---	0.0988	1.67 B	0.273	0.001	0	0	0.001	0.001	---	---	15
16	---	---	0.1508	1.62 B	0.254	0.001	0	0	0.001	0.001	---	---	16
17	---	---	0.3508	1.90 B	0.230	0.001	0	0	0.001	0.001	---	---	17
18	---	---	0.7008	1.88 B	0.178	0.001	0	0	0.001	0.001	---	---	18
19	---	---	1.30 B	1.38 B	0.141	0.001	0	0	0.001	0.001	---	---	19
20	---	---	2.00 B	1.13 B	0.108	0.001	0	0	0.001	0.001	---	---	20
21	---	---	1.84 B	0.835	0.084	0	0	0	0.001	0.001	---	---	21
22	---	---	1.38 B	0.854	0.057	0.001	0	0	0.001	0.001	---	---	22
23	---	---	1.13 B	0.847	0.046	0	0	0	0.001	0.001	---	---	23
24	---	---	1.30 B	1.02	0.022	0	0	0	0.001	0.001	---	---	24
25	---	---	1.15 B	0.827	0.013	0	0	0	0.001	0.001	---	---	25
26	---	---	0.7608	0.888	0.010	0	0	0	0.001	0.001	---	---	26
27	---	---	0.5448	0.834	0.009	0	0	0	0.001	0.001	---	---	27
28	---	---	0.3978	0.854	0.007	0	0	0	0.001	0.001	---	---	28
29	---		0.2508	0.884	0.008	0	0	0	0.001	0.017	---	---	29
30	---		0.4938	0.710	0.005	0	0	0	0.001	0.0148	---	---	30
31	---		0.7358		0.004		0	0		0.0088		---	31
TOTAL	---	---	14.288	32.902	5.436	0.063	0	0	0.017	0.088	---	---	TOTAL
MEAN	---	---	0.461	1.10	0.207	0.001	0	0	0.001	0.002	---	---	MEAN
MAX	---	---	2.00	1.87	0.648	0.005	0	0	0.001	0.017	---	---	MAX
MIN	---	---	0	0.662	0.004	0	0	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.219
MAXIMUM DAILY, 2.000 ON MAR 20
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 53 42 N
LONG 117 29 16 W
DRAINAGE AREA, 233 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 230	SEP	1.47
APR	2 640	OCT	0.02
MAY	555	NOV	---
JUN	3.72	DEC	---

TOTAL DISCHARGE, 4 040 dam³

BUFFALO CREEK AT HIGHWAY NO. 41 - STATION NO. 05PE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0868	2.82 B	0.342	0.046	0.053	0 E	0 E	0.084	0.0868	---	1
2	---	---	0.0868	2.84 B	0.356	0.031	0.011	0 E	0 E	0.080	0.0839	---	2
3	---	---	0.0868	2.13 B	0.389	0.024	0	0 E	0 E	0.080	0.0808	---	3
4	---	---	0.0868	1.46 B	0.418	0.031	0 E	0 E	0 E	0.068	0.0848	---	4
5	---	---	0.0868	1.32	0.459	0.056	0 E	0 E	0 E	0.0328	0.0818	---	5
6	---	---	0.0868	1.02	0.419	0.107	0 E	0 E	0.0056	0.0388	0.0798	---	6
7	---	---	0.0868	0.870	0.385	0.177	0 E	0 E	0.0072	0.0328	0.0588	---	7
8	---	---	0.0868	0.795	0.363	0.227	0 E	0	0.010E	0.0258	---	---	8
9	---	---	0.0868	0.807	0.321	0.268	0 E	0	0.020A	0.0228	---	---	9
10	---	---	0.0868	0.776	0.283	0.288	0 E	0	0.086	0.021	---	---	10
11	---	---	0.0868	0.716	0.246	0.240	0 E	0.002	0.127	0.025	---	---	11
12	---	---	0.0868	0.652	0.303	0.202	0 E	0.003	0.134	0.025	---	---	12
13	---	---	0.0868	0.604	0.342	0.180	0 E	0.002	0.139	0.041	---	---	13
14	---	---	0.0868	0.588	0.318	0.151	0 E	0.004	0.154	0.042	---	---	14
15	---	---	0.0868	0.509	0.281	0.188	0 E	0	0.134	0.046	---	---	15
16	---	---	0.1708	0.428	0.238	0.181	0 E	0.001	0.127	0.053	---	---	16
17	---	---	0.3008	0.357	0.185	0.180	0 E	0.001	0.137	0.055	---	---	17
18	---	---	0.4008	0.327	0.158	0.182	0 E	0 E	0.183	0.054	---	---	18
19	---	---	0.5008	0.333	0.135	0.130	0 E	0 E	0.163	0.054	---	---	19
20	---	---	0.6708	0.423	0.113	0.128	0 E	0 E	0.164	0.082	---	---	20
21	---	---	0.7418	0.510	0.093	0.085	0 E	0 E	0.160	0.083	---	---	21
22	---	---	0.6688	0.472	0.075	0.072	0 E	0.373	0.158	0.089	---	---	22
23	---	---	1.05 B	0.464	0.088	0.085	0 E	0.382	0.163	0.076	---	---	23
24	---	---	1.53 B	0.432	0.087	0.060	0 E	0.329	0.141	0.086	---	---	24
25	---	---	1.80 B	0.458	0.164	0.038	0 E	0.277	0.138	0.082	---	---	25
26	---	---	1.93 B	0.448	0.200	0.040	0 E	0.161	0.134	0.085	---	---	26
27	---	---	1.86 B	0.408	0.203	0.043	0 E	0.025	0.120	0.081	---	---	27
28	---	0.0868	1.94 B	0.364	0.158	0.031	0 E	0.004	0.112	0.082	---	---	28
29	---		2.38 B	0.355	0.123	0.016	0 E	0 E	0.096	0.083	---	---	29
30	---		2.44 B	0.343	0.083	0.089	0 E	0 E	0.079	0.0858	---	---	30
31	---		2.57 B		0.080		0 E	0 E		0.0918		---	31
TOTAL	---	---	31.839	23.852	7.388	3.477	0.064	1.583	3.676	1.772	---	---	TOTAL
MEAN	---	---	0.704	0.788	0.238	0.116	0.002	0.050	0.086	0.057	---	---	MEAN
MAX	---	---	2.57	2.88	0.459	0.288	0.093	0.382	0.189	0.083	---	---	MAX
MIN	---	---	0.086	0.327	0.080	0.014	0	0	0	0.021	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.266
MAXIMUM DAILY, 2.88 ON APR 2
MINIMUM DAILY, 0 ON JUL 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 00 36 N
LONG 110 51 57 W
DRAINAGE AREA, 709 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6.63
FEB	---	AUG	136
MAR	1 880	SEP	246
APR	2 040	OCT	153
MAY	638	NOV	---
JUN	300	DEC	---

TOTAL DISCHARGE, 5 410 dam³

BUFFALO LAKE NEAR ERSKINE - STATION NO. 05CD005

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	780.185	---	---	---	1
2	---	---	---	---	---	780.330	---	---	---	780.144	---	---	2
3	---	---	---	---	---	---	780.200	---	---	---	---	---	3
4	---	---	---	---	---	---	---	780.122	780.154	---	---	---	4
5	---	---	---	---	---	780.306	---	---	---	---	780.134	---	5
6	---	---	---	780.198	---	---	---	---	---	780.144	---	---	6
7	---	---	780.176	---	---	---	780.187	780.120	---	---	---	---	7
8	---	---	---	---	---	---	---	---	780.154	---	---	---	8
9	---	---	---	780.217	---	780.309	---	---	---	780.132	---	---	9
10	---	---	---	---	---	---	780.185	---	780.134	---	---	---	10
11	---	---	---	---	---	---	---	780.153	780.135	---	---	---	11
12	---	---	---	---	---	780.306	---	---	---	780.124	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	780.187	780.154	---	---	---	---	14
15	---	---	---	---	---	---	---	780.153	780.154	---	---	---	15
16	---	---	---	---	---	780.292	---	---	---	780.134	---	---	16
17	---	---	---	---	---	---	780.187	---	---	---	---	---	17
18	---	---	---	---	---	---	780.182	780.153	780.147	---	---	---	18
19	---	---	---	---	---	780.281	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	780.134	---	---	20
21	---	---	---	---	780.320	---	780.151	780.148	---	---	---	---	21
22	---	---	---	---	---	---	---	---	780.150	---	---	---	22
23	---	---	---	---	---	780.271	---	---	---	780.133	---	---	23
24	---	---	780.171	780.300	---	---	780.152	---	---	---	---	---	24
25	---	---	---	---	---	---	---	780.152	780.153	---	---	---	25
26	---	---	---	---	780.330	780.221	---	---	---	---	---	---	26
27	---	---	---	---	---	780.311	---	---	---	780.138	---	---	27
28	---	---	---	---	---	---	780.143	---	---	---	---	---	28
29	---		---	---	780.330	---	---	---	780.144	---	---	---	29
30	---		---	---	---	---	---	---	---	780.138	---	---	30
31	---		---		---	780.308	---	---	---	---		---	31
MEAN	---	---	---	---	---	---	780.123	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 27 53 N
LONG 112 52 57 W

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 1 870 km²

BULLPOUND CREEK NEAR THE MOUTH - STATION NO. 05CC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.01 B	0.015	0	0	0	0	0	---	---	1
2	---	---	0 B	3.89	0.015	0	0	0	0	0	---	---	2
3	---	---	0 B	4.76	0.012	0	0	0	0	0	---	---	3
4	---	---	0 B	3.06	0.008	0	0	0	0	0	---	---	4
5	---	---	0 B	1.62	0.005	0	0	0	0	0	---	---	5
6	---	---	0 B	1.06	0.002	0	0	0	0	0	---	---	6
7	---	---	0 B	0.838	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.686	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.601	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.326	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.282	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.198	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.148	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.148	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.091	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.063	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.054	0	0	0	0	0	0	---	---	17
18	---	---	0.0208	0.049	0	0	0	0	0	0	---	---	18
19	---	---	0.0245	0.042	0	0	0	0	0	0	---	---	19
20	---	---	0.0458	0.055	0	0	0	0	0	0	---	---	20
21	---	---	0.0608	0.045	0	0	0	0	0	0	---	---	21
22	---	---	0.0448	0.032	0	0	0	0	0	0	---	---	22
23	---	---	0.0088	0.027	0	0	0	0	0	0	---	---	23
24	---	---	0.0038	0.026	0	0	0	0	0	0	---	---	24
25	---	---	0 B	0.042	0	0	0	0	0	0	---	---	25
26	---	0B	0 B	0.045	0	0	0	0	0	0	---	---	26
27	---	0B	0 B	0.035	0	0	0	0	0	0	---	---	27
28	---	0B	0 B	0.024	0	0	0	0	0	0	---	---	28
29	---		0 B	0.018	0	0	0	0	0	0	---	---	29
30	---		0.1258	0.016	0	0	0	0	0	0	---	---	30
31	---		0.5398		0		0		0	0		---	31
TOTAL	---	---	0.868	18.827	0.057	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.028	0.631	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.539	4.76	0.015	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.016	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.081
MAXIMUM DAILY, 4.76 ON APR 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
9.87 AT 10:35 MST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 55 N
LONG 111 55 44 W
DRAINAGE AREA, 1 670 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	75.0	SEP	0
APR	1 640	OCT	0
MAY	4.92	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 720 dam³

BULLPOUND CREEK NEAR WATTS - STATION NO. 05CC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.462	0.185	0.062	0	0	0	0	0	---	1
2	---	---	0 B	0.554	0.158	0.078	0	0	0	0	0	---	2
3	---	---	0 B	0.785	0.129	0.088	0	0	0	0	0	---	3
4	---	---	0 B	0.709	0.106	0.067	0	0	0	0	0	---	4
5	---	---	0 B	0.570	0.077	0.047	0	0	0	0	0A	---	5
6	---	---	0 B	0.436	0.064	0.048	0	0	0	0	---	---	6
7	---	---	0 B	0.331	0.031	0.034	0	0	0	0	---	---	7
8	---	---	0 B	0.288	0.027	0.028	0	0	0	0	---	---	8
9	---	---	0 B	0.221	0.024	0.027	0	0	0	0	---	---	9
10	---	---	0 B	0.167	0.021	0.027	0	0	0	0	---	---	10
11	---	---	0 B	0.133	0.022	0.024	0	0	0	0	---	---	11
12	---	---	0 B	0.114	0.047	0.019	0	0	0	0	---	---	12
13	---	---	0 B	0.107	0.027	0.015	0	0	0	0	---	---	13
14	---	---	0 B	0.102	0.018	0.009	0	0	0	0	---	---	14
15	---	---	0 B	0.087	0.016	0.008	0	0	0	0	---	---	15
16	---	---	0 B	0.072	0.017	0.003	0	0	0	0	---	---	16
17	---	---	0 B	0.076	0.018	0.001	0	0	0	0	---	---	17
18	---	---	3.08 B	0.085	0.017	0	0	0	0	0	---	---	18
19	---	---	3.49 B	0.086	0.017	0	0	0	0	0	---	---	19
20	---	---	3.44 B	0.283	0.017	0	0	0	0	0	---	---	20
21	---	---	1.85 B	0.387	0.018	0	0	0	0	0	---	---	21
22	---	---	1.37 B	0.187	0.018	0	0	0	0	0	---	---	22
23	---	---	1.06 B	0.037	0.021	0	0	0	0	0	---	---	23
24	---	---	1.27 B	0.072	0.027	0	0	0	0	0	---	---	24
25	---	---	1.05	0.183	0.038	0	0	0	0	0	---	---	25
26	---	0B	0.781	0.190	0.055	0	0	0	0	0	---	---	26
27	---	0B	0.630	0.218	0.063	0	0	0	0	0	---	---	27
28	---	0B	0.445	0.204	0.073	0	0	0	0	0	---	---	28
29	---		0.469	0.188	0.081	0	0	0	0	0	---	---	29
30	---		0.485	0.183	0.081	0	0	0	0	0	---	---	30
31	---		0.438		0.088		0		0	0		---	31
TOTAL	---	---	17.788	7.403	1.508	0.588	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.573	0.247	0.053	0.019	0	0	0	0	---	---	MEAN
MAX	---	---	3.49	0.788	0.185	0.083	0	0	0	0	---	---	MAX
MIN	---	---	0	0.037	0.016	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.112
MAXIMUM DAILY, 3.49B ON MAR 19
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 43 N
LONG 112 05 00 W
DRAINAGE AREA, 187 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 840	SEP	0
APR	840	OCT	0
MAY	135	NOV	---
JUN	48.1	DEC	---

TOTAL DISCHARGE, 2 370 dam³

CABIN CREEK NEAR SEEBE - STATION NO. 05BF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.004E	0.003	0.001E	0.001E	0.011	0.080	0.024	0.013	0.035	0.033	0.033	0.011	1
2	0.004E	0.002	0.001E	0.001E	0.018	0.082	0.023	0.013	0.024	0.037	0.022	0.011	2
3	0.004E	0.002	0.001E	0.001E	0.040	0.058	0.022	0.013	0.025	0.035	0.022	0.011	3
4	0.004A	0.002	0.001E	0.001E	0.030	0.058	0.022	0.014	0.026	0.034	0.022	0.010	4
5	0.003	0.002	0.001E	0.001E	0.022	0.053	0.021	0.014	0.027	0.032	0.020	0.010	5
6	0.003	0.002	0.001E	0.001E	0.026	0.050	0.020	0.013	0.027	0.033	0.021	0.010	6
7	0.003	0.002	0.001E	0.001E	0.032	0.055	0.020	0.012	0.026	0.030	0.021	0.010	7
8	0.003	0.001	0.001E	0.001E	0.037	0.058	0.019	0.015	0.025	0.031	0.020	0.010	8
9	0.003	0.001	0.001E	0.001E	0.036	0.054	0.019	0.014	0.026	0.031	0.020	0.010	9
10	0.003	0.001	0.001E	0.001E	0.032	0.051	0.018	0.014	0.032	0.030	0.019	0.010	10
11	0.003	0.001	0.001E	0.001E	0.028	0.050	0.018	0.018	0.036	0.030	0.018	0.010	11
12	0.003	0.001E	0.001E	0.001	0.027	0.048	0.018	0.023	0.078E	0.029	0.018	0.010	12
13	0.003	0.001E	0.001E	0.004	0.030	0.044	0.019	0.020	0.080E	0.026	0.017	0.010	13
14	0.003	0.001E	0.001E	0.008	0.031	0.043	0.018	0.017	0.067E	0.028	0.018	0.010	14
15	0.003	0.001E	0.001E	0.006	0.038	0.042	0.017	0.020	0.078E	0.026	0.017	0.009	15
16	0.003	0.001E	0.001E	0.005	0.040	0.040	0.017	0.035	0.067E	0.030	0.017	0.009	16
17	0.003	0.001E	0.001E	0.005	0.057	0.037	0.023	0.040	0.061	0.028	0.017	0.008	17
18	0.002	0.001E	0.001E	0.005	0.085	0.036	0.020	0.040	0.057	0.027	0.016	0.009	18
19	0.002	0.001E	0.001E	0.005	0.086	0.035	0.018	0.034	0.053	0.027	0.016	0.008	19
20	0.002	0.001E	0.001E	0.005	0.062	0.027	0.018	0.031	0.051	0.027	0.016	0.008	20
21	0.002	0.001E	0.001E	0.005	0.059	0.034	0.018	0.035	0.048	0.027	0.016	0.009	21
22	0.003	0.001E	0.001E	0.005	0.057	0.033	0.018	0.042	0.047	0.027	0.016	0.009	22
23	0.003	0.001E	0.001E	0.005	0.054	0.032	0.017	0.038	0.045	0.026	0.013	0.009	23
24	0.003	0.001E	0.001E	0.005	0.057	0.031	0.016	0.034	0.044	0.025	0.013	0.009	24
25	0.003	0.001E	0.001E	0.005	0.077	0.029	0.015	0.031	0.043	0.025	0.013	0.009	25
26	0.003	0.001E	0.001E	0.005	0.069	0.029	0.014	0.029	0.043	0.025	0.012	0.008	26
27	0.002	0.001E	0.001A	0.006	0.063	0.028	0.014	0.028	0.042	0.025	0.012	0.008	27
28	0.002	0.001E	0.001E	0.006	0.063	0.027	0.014	0.030	0.040	0.027	0.011	0.007	28
29	0.002		0.001E	0.006	0.063	0.027	0.014	0.027	0.040	0.024	0.011	0.007	29
30	0.002		0.001E	0.009	0.067	0.028	0.013	0.027	0.039	0.024	0.011	0.007	30
31	0.002		0.001E		0.064		0.013	0.026		0.023		0.007	31
TOTAL	0.082	0.035	0.031	0.115	1.436	1.385	0.580	0.788	1.350	0.893	0.586	0.286	TOTAL
MEAN	0.003	0.001	0.001	0.004	0.046	0.042	0.018	0.025	0.045	0.029	0.017	0.009	MEAN
MAX	0.004	0.002	0.001	0.009	0.077	0.082	0.024	0.042	0.080	0.038	0.033	0.011	MAX
MIN	0.003	0.001	0.001	0.001	0.011	0.026	0.013	0.012	0.024	0.023	0.011	0.007	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.020
MAXIMUM DAILY, 0.080E ON SEP 12
MINIMUM DAILY, 0.001 ON FEB 6

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 33 N
LONG 115 10 00 W
DRAINAGE AREA, 3.12 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7.95	JUL	48.4
FEB	3.03	AUG	66.2
MAR	3.66	SEP	117
APR	9.94	OCT	77.1
MAY	123	NOV	43.7
JUN	108	DEC	24.7

TOTAL DISCHARGE, 633 dam³

CADDYTTE RIVER AT OUTLET CADDYTTE LAKE - STATION NO. 07HB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2160	0.1760	5.61	3.54	0.026	0.008	0	0.002	---	---	1
2	---	---	0.2400	0.2578	5.55	3.39	0.025	0.007	0	0.002	---	---	2
3	---	---	0.2160	0.3028	5.84	2.16	0.023	0.006	0	0.001	---	---	3
4	---	---	0.2160	0.3288	5.77	1.69	0.023	0.007	0	0.002	---	---	4
5	---	---	0.1968	0.3768	6.16	1.61	0.030	0.005	0	0.001	---	---	5
6	---	---	0.2160	0.4308	6.71	1.37	0.017	0.004	0	0.001	---	---	6
7	---	---	0.2160	0.4698	6.71	1.33	0.014	0.005	0	0.001	---	---	7
8	---	---	0.1968	0.5078	6.85	0.976	0.014	0.004	0	0.002	---	---	8
9	---	---	0.1920	0.500	6.25	0.958	0.015	0.004	0	0.001	---	---	9
10	---	---	0.1920	0.500	6.01	0.932	0.014	0.003	0	0	---	---	10
11	---	---	0.1200	0.864	5.47	1.03	0.013	0.003	0	0	---	---	11
12	---	---	0.1920	0.475	5.62	0.851	0.012	0.002	0	0.001	---	---	12
13	---	---	0.1218	0.483	5.62	0.834	0.014	0.003	0	0.002	---	---	13
14	---	---	0.1488	1.18	4.91	0.428	0.014	0.003	0.001	0.002	---	---	14
15	---	---	0.1218	1.44	4.85	0.317	0.012	0.003	0.001	0.001	---	---	15
16	---	---	0.1188	1.72	4.84	0.116	0.012	0.004	0.001	0.001	---	---	16
17	---	---	0.1028	2.00	3.94	0.196	0.013	0.004	0.001	0.001	---	---	17
18	---	---	0.1008	2.25	4.13	0.241	0.010	0.003	0.001	0.001	---	---	18
19	---	---	0.1008	2.36	3.84	0.081	0.011	0.003	0.001	0.001	---	---	19
20	---	---	0.1078	2.38	3.61	0.081	0.011	0.002	0.001	0.001	---	---	20
21	---	---	0.1018	2.64	3.58	0.026	0.010	0.003	0.001	0.001	---	---	21
22	---	---	0.1038	2.83	3.31	0.026	0.006	0.003	0.001	0	---	---	22
23	---	---	0.0988	3.17	3.78	0.044	0.010	0.002	0.002	0	---	---	23
24	---	---	0.1188	3.30	3.48	0.026	0.010	0.003	0.002	0 0	---	---	24
25	---	---	0.1338	3.36	3.19	0.039	0.011	0.001	0.002	0.0018	---	---	25
26	---	---	0.1338	3.60	3.25	0.032	0.008	0.001	0.001	0.0018	---	---	26
27	---	---	0.1368	4.05	2.94	0.036	0.010	0.001	0.003	0.0018	---	---	27
28	---	---	0.1278	4.48	3.13	0.032	0.010	0.001	0.003	0.0018	---	---	28
29	---		0.1368	4.81	2.76	0.032	0.010	0	0.003	0.0018	---	---	29
30	---		0.1338	5.37	2.79	0.039	0.010	0	0.003	0.0018	---	---	30
31	---		0.1488		2.67		0.010	0		0.0018		---	31
TOTAL	---	---	4.830	57.110	142.21	20.008	0.423	0.086	0.027	0.032	---	---	TOTAL
MEAN	---	---	0.156	1.90	4.59	0.667	0.014	0.003	0.001	0.001	---	---	MEAN
MAX	---	---	0.240	5.37	6.71	2.54	0.026	0.008	0.003	0.002	---	---	MAX
MIN	---	---	0.096	0.176	2.67	0.026	0.006	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.016
MAXIMUM DAILY, 6.71 ON MAY 6
MINIMUM DAILY, 0 ON AUG 28
MAXIMUM INSTANTANEOUS,
6.95 AT 17:00 MST ON MAY 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 28 12 N
LONG 115 28 56 W
DRAINAGE AREA, 681 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	26.6
FEB	---	AUG	6.39
MAR	351	SEP	3.33
APR	4 830	OCT	3.76
MAY	13 300	NOV	---
JUN	1 730	DEC	---

TOTAL DISCHARGE, 19 400 dam³

CAIRN HILL SPILLWAY NEAR THE MOUTH - STATION NO 05BM012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.085	0.121	0.133	0.454	0.089	0.418	0.0188	---	1
2	---	---	---	---	0.088	0.187	0.086	0.471	0.066	0.313	0.0158	---	2
3	---	---	---	---	0.103	0.139	0.070	0.474	0.067	0.176	0.0188	---	3
4	---	---	---	---	0.096	0.134	0.082	0.447	0.069	0.093	0.0188	---	4
5	---	---	---	---	0.086	0.116	0.107	0.410	0.057	0.056	0.0178	---	5
6	---	---	---	---	0.083	0.121	0.089	0.331	0.056	0.045	0.0178	---	6
7	---	---	---	---	0.078	0.156	0.123	0.295	0.072	0.043	0.0178	---	7
8	---	---	---	---	0.077	0.208	0.138	0.315	0.077	0.039	0.0168	---	8
9	---	---	---	---	0.072	0.206	0.188	0.385	0.078	0.035	0.0158	---	9
10	---	---	---	---	0.071	0.218	0.141	0.383	0.076	0.043	0.0148	---	10
11	---	---	---	---	0.070	0.213	0.095	0.352	0.064	0.042	0.0138	---	11
12	---	---	---	---	0.075	0.151	0.107	0.340	0.384	0.037	0.0128	---	12
13	---	---	---	---	0.088	0.170	0.177	0.310	2.02	0.028	0.0118	---	13
14	---	---	---	---	0.082	0.189	0.161	0.328	1.55	0.024	0.0108	---	14
15	---	---	---	---	0.081	0.139	0.118	0.383	1.21	0.024	0.0098	---	15
16	---	---	---	---	0.089	0.185	0.113	0.333	1.15	0.031	0.0088	---	16
17	---	---	---	---	0.087	0.172	0.185	0.211	1.13	0.033	0.0078	---	17
18	---	---	---	---	0.058	0.188	0.282	0.170	1.09	0.030	0.0068	---	18
19	---	---	---	---	0.072	0.184	0.231	0.150	1.08	0.029	0.0058	---	19
20	---	---	---	---	0.093	0.232	0.211	0.137	1.07	0.022	0.0049	---	20
21	---	---	---	---	0.086	0.236	0.208	0.164	1.05	0.021	0.0038	---	21
22	---	---	---	0.0688	0.100	0.263	0.175	0.204	1.02	0.018	0.0038	---	22
23	---	---	---	0.152	0.121	0.268	0.156	0.188	0.985	0.016	0.0028	---	23
24	---	---	---	0.167	0.124	0.242	0.129	0.134	0.918	0.014	0.0028	---	24
25	---	---	---	0.145	0.187	0.216	0.126	0.114	0.870	0.013	0.0018	---	25
26	---	---	---	0.168	0.142	0.155	0.208	0.101	0.808	0.0138	0.0018	---	26
27	---	---	---	0.176	0.096	0.197	0.267	0.103	0.889	0.0138	0.0018	---	27
28	---	---	---	0.193	0.170	0.181	0.263	0.099	0.805	0.0138	0.0018	---	28
29	---		---	0.120	0.239	0.156	0.286	0.102	0.587	0.0148	0	---	29
30	---		---	0.101	0.182	0.156	0.343	0.087	0.930	0.0148	0	---	30
31	---		---		0.193		0.441	0.079		0.0148		---	31
TOTAL	---	---	---	---	3.093	5.366	5.457	8.012	19.485	1.728	0.257	---	TOTAL
MEAN	---	---	---	---	0.100	0.178	0.176	0.258	0.649	0.056	0.009	---	MEAN
MAX	---	---	---	---	0.229	0.263	0.461	0.474	2.02	0.418	0.017	---	MAX
MIN	---	---	---	---	0.057	0.116	0.070	0.079	0.056	0.013	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.234
MAXIMUM DAILY, 2.02 ON SEP 13
MINIMUM DAILY, 0.013 ON OCT 25

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 51 30 N
LONG 113 21 05 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	471
FEB	---	AUG	892
MAR	---	SEP	1 680
APR	---	OCT	149
MAY	287	NOV	22.2
JUN	482	DEC	---

TOTAL DISCHARGE, 3 720 dam³

CALLING LAKE AT RANGER STATION - STATION NO 07CB001

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	594.105	594.295	594.217	594.130	594.008	593.891	---	---	1
2	---	---	---	---	594.115	594.285	594.227	594.120	594.003	593.891	---	---	2
3	---	---	---	---	594.135	594.280	594.213	594.120	593.993	593.891	---	---	3
4	---	---	---	---	594.155	594.274	594.202	594.130	593.983	593.891	---	---	4
5	---	---	---	593.885	594.165	594.259	594.197	594.120	593.982	593.885	---	---	5
6	---	---	---	---	594.175	594.287E	594.192	594.115	593.982	593.881	---	---	6
7	---	---	594.087	---	594.185	594.284	594.192	594.115	593.972	593.878	---	---	7
8	---	---	---	---	594.205	594.288	594.192	594.100	593.967	593.873	---	---	8
9	---	---	---	593.885	594.205	594.289	594.197	594.079	593.957	593.869	---	---	9
10	---	---	---	---	594.215	594.288	594.192	594.079	593.957	594.009	---	---	10
11	---	---	---	---	594.285	594.289	594.202	594.089	593.947	593.887	---	---	11
12	---	---	---	---	594.345	594.284	594.207	594.089	593.947	593.887	---	---	12
13	---	---	---	---	594.355	594.284	594.182	594.059	593.947	593.886	---	---	13
14	---	---	---	---	594.365	594.284	594.181	594.059	593.952	593.887	---	---	14
15	---	---	---	---	594.375	594.284	594.181	594.059	593.942	593.886	---	---	15
16	---	---	---	---	594.375	594.283E	594.171	594.059	593.937	593.884	---	---	16
17	---	---	---	---	594.380	594.258	594.161	594.054	593.937	593.884	---	---	17
18	---	---	---	---	594.375	594.253	594.158	594.049	593.931	593.883	---	---	18
19	---	---	---	---	594.385	594.253	594.158	594.044	593.931	593.886	---	---	19
20	---	---	---	---	594.385	594.253	594.158	594.049	593.918	593.888	---	---	20
21	---	---	---	---	594.380	594.258	594.148	594.045	593.918	593.888	---	---	21
22	---	---	---	---	594.385	594.263	594.131	594.049	593.916	593.882	---	---	22
23	---	---	---	---	594.395	594.263	594.126	594.043	593.911	593.882	---	---	23
24	---	---	---	---	594.385	594.263	594.121	594.033	593.914	593.882E	---	---	24
25	---	---	---	594.057	594.395	594.259	594.121	594.033	593.908	593.881	---	---	25
26	---	---	---	---	594.395	594.233	594.121	594.028	593.908	593.882	---	---	26
27	---	---	---	---	594.305	594.236	594.140	594.018	593.906	593.884	---	---	27
28	---	---	---	---	594.298	594.223	594.180	594.018	593.901	593.886	---	---	28
29	---		---	---	594.298	594.223	594.185	594.013	593.901	593.882	---	---	29
30	---		---	---	594.365	594.333	594.140	594.008	593.891	593.881	---	---	30
31	---		---		594.385		594.140	594.008		593.888		---	31
MEAN	---	---	---	---	594.264	594.258	594.169	594.084	593.942	593.870	---	---	MEAN
MAX	---	---	---	---	594.305	594.295	594.227	594.130	594.008	593.891	---	---	MAX
MIN	---	---	---	---	594.105	594.333	594.121	594.008	593.891	593.888	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 594.305 ON MAY 27

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 13 35 N
LONG 113 12 05 W

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA
1 320 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

CANADIAN ST. MARY CANAL AT DROP NO. 1 - STATION NO. 05AF026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	32.4	68.2	61.5	43.6	35.8	OE	---	1
2	---	---	---	0	0	32.3	66.0	60.6	43.8	34.2	OE	---	2
3	---	---	---	0	0	33.3	66.0	60.4	44.6	28.9	OE	---	3
4	---	---	---	0	0	40.7	66.2	58.3	45.0	22.7 E	OE	---	4
5	---	---	---	0	0	50.6	59.8	58.2	45.8	22.7 E	OE	---	5
6	---	---	---	0	0	51.6	59.2	55.6	45.3	22.7 E	OE	-	6
7	---	---	---	0	0	51.7	70.0	55.6	43.7	17.0 E	OE		7
8	---	---	---	0	0	52.0	69.6	55.3	43.6	11.3 E	OE	---	8
9	---	---	---	0	0	52.1	69.4	55.5	43.5	11.3 E	OE	---	9
10	---	---	---	0	0	54.9	69.7	55.3	43.5	8.50 E	OE	---	10
11	---	---	---	0	0	59.6	74.2	55.3	43.3	5.66 E	OE	---	11
12	---	---	---	0	0	61.4	74.6	55.1	43.3	3.83 E	OE	---	12
13	---	---	---	0	0	58.0	74.5	53.0	38.7	1.42 E	OE	---	13
14	---	---	---	0	5.57	58.3	74.6	51.8	36.3	0 708E	OE	---	14
15	---	---	---	0	8.83	58.0	74.7	50.8	36.2	0 E	OE	---	15
16	---	---	---	0	9.01	58.3	75.0	48.2	36.1	0 E	OE	---	16
17	---	---	---	0	9.72	58.2	74.9	47.0	36.1	0 E	OE	---	17
18	---	---	---	0	11.7	58.9	75.2	46.2	36.0	0 E	OE	---	18
19	---	---	---	0	11.8	58.1	73.8	44.8	37.9	0 E	OE	---	19
20	---	---	---	0	11.4	57.6	73.4	45.1	37.8	0 E	OE	---	20
21	---	---	---	0	11.2	57.9	72.3	46.4	37.7	0 E	OE	---	21
22	---	---	---	0	12.4	57.8	72.3	46.6	37.7	0 E	OE	---	22
23	---	---	---	0	16.2	58.0	72.5	45.1	38.6	0 E	OE	---	23
24	---	---	---	0	23.2	57.9	72.1	44.1	42.9	0 E	OE	---	24
25	---	---	---	0	28.6	58.3	70.6	43.8	43.1	0 E	OE	---	25
26	---	---	---	0	29.1	58.3	69.4	43.5	42.8	0 E	OE	---	26
27	---	---	0A	0	28.9	58.3	67.0	43.7	42.9	0 E	OE	---	27
28	---	---	0	0	29.2	58.0	67.1	43.6	42.9	0 E	OE	---	28
29	---		0	0	28.9	57.6	66.7	43.7	42.3	0 E	OE	---	29
30	---		0	0	28.8	56.1	65.3	43.3	40.9	0 A	OE	---	30
31	---		0		29.4		64.8	43.5		0 E		---	31
TOTAL	---	---	---	0	334.33	1 786.2	2 193.7	1 560.0	1 248.8	225.718	0	---	TOTAL
MEAN	---	---	---	0	10.8	59.5	70.8	50.3	41.6	7.28	0	---	MEAN
MAX	---	---	---	0	29.4	68.3	75.2	51.5	45.8	35.8	0	---	MAX
MIN	---	---	---	0	0	32.3	64.8	43.3	37.7	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.1
MAXIMUM DAILY, 75.2 ON JUL 18
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 05 N
LONG 112 41 53 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	180 000
FEB	---	AUG	135 000
MAR	---	SEP	108 000
APR	0	OCT	19 500
MAY	28 900	NOV	0
JUN	154 000	DEC	---

TOTAL DISCHARGE, 635 000 dam³

CANADIAN ST. MARY CANAL NEAR SPRING COULEE - STATION NO. 05AE026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	50.2	78.7	69.2	52.2	30.9	OE	---	1
2	---	---	---	0	0	48.6	78.2	66.6	51.8	26.1	OE	---	2
3	---	---	---	0	0	53.2	78.0	66.5	52.1	22.2	OE	---	3
4	---	---	---	0	0	62.0	78.6	66.3	53.1	22.1	OE	---	4
5	---	---	---	0	0	67.6	78.6	66.4	49.6	22.0	OE	---	5
6	---	---	---	0	0 A	67.4	78.6	66.1	47.2	22.2	OE	---	6
7	---	---	---	0	0.003	67.6	78.6	61.6	47.3	17.4	OE	---	7
8	---	---	---	0	5.35	67.4	78.6	57.6	47.3	9.77 A	OE	---	8
9	---	---	---	0	12.7	67.8	78.7	60.0	43.0	3.66 E	OE	---	9
10	---	---	---	0	13.0	72.8	78.6	61.6	39.9	0.274E	OE	---	10
11	---	---	---	0	12.1	78.0	78.4	61.6	39.6	0.038E	OE	---	11
12	---	---	---	0	13.1	78.2	78.6	61.3	37.1	0.037E	OE	---	12
13	---	---	---	0	14.8	80.1	78.6	61.4	34.3	0.043E	OE	---	13
14	---	---	---	0	16.8	80.3	78.7	61.1	34.4	0.058E	OE	---	14
15	---	---	---	0	16.8	80.3	78.3	58.4	34.6	0.040E	OE	---	15
16	---	---	---	0	16.8	80.4	78.0	54.7	34.4	0 E	OE	---	16
17	---	---	---	0	19.4	80.8	78.5	53.2	34.6	0 E	OE	---	17
18	---	---	---	0	22.0	80.8	78.2	53.2	34.6	0 E	OE	---	18
19	---	---	---	0	21.8	78.4	78.3	53.0	34.3	0 E	OE	---	19
20	---	---	---	0	21.6	78.8	78.3	52.6	34.3	0 E	OE	---	20
21	---	---	---	0	21.5	78.8	78.3	52.6	34.3	0 E	OE	---	21
22	---	---	---	0	25.8	80.1	78.0	52.6	34.3	0 E	OE	---	22
23	---	---	---	0	31.2	80.4	78.3	52.6	34.4	0 E	OE	---	23
24	---	---	---	0	37.1	80.3	78.7	52.7	34.3	0 E	OE	---	24
25	---	---	---	0	40.1	80.2	78.6	52.4	40.8	0 E	OE	---	25
26	---	---	---	0	40.5	80.3	78.4	52.6	43.3	0 E	OE	---	26
27	---	---	0B	0	40.9	80.4	78.3	52.6	43.3	0 E	OE	---	27
28	---	---	0B	0	41.0	80.4	78.1	52.4	43.4	0 E	OE	---	28
29	---		0B	0	41.0	80.3	78.0	52.6	43.6	0 A	OE	---	29
30	---		0B	0	42.8	80.0	72.6	52.2	38.9	0 E	OE	---	30
31	---		0B		46.5		73.6	52.3		0 E		---	31
TOTAL	---	---	---	0	613.852	2 233.6	3 432.6	1 780.6	1 233.4	178.618	0	---	TOTAL
MEAN	---	---	---	0	19.8	74.1	78.5	57.6	40.8	5.70	0	---	MEAN
MAX	---	---	---	0	46.5	80.8	78.6	66.3	53.1	30.9	0	---	MAX
MIN	---	---	---	0	0	48.6	72.6	52.2	34.3	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.7
MAXIMUM DAILY, 80.8 ON JUN 17
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 39 N
LONG 113 02 35 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	210 000
FEB	---	AUG	155 000
MAR	---	SEP	105 000
APR	0	OCT	15 300
MAY	53 900	NOV	0
JUN	192 000	DEC	---

TOTAL DISCHARGE, 731 000 dam³

CARDINAL RIVER NEAR THE MOUTH - STATION NO. 0SD0006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.72B	8.62	16.3 E	3.38	8.32	7.86	3.12B	---	1
2	---	---	---	---	3.80	7.89	16.6 E	3.26	8.04A	7.66	---	---	2
3	---	---	---	---	8.80	7.56	16.3 E	3.46	7.97	7.25	---	---	3
4	---	---	---	---	9.10	7.86	15.6 E	3.37	7.84A	6.85	---	---	4
5	---	---	---	---	8.01	8.13A	15.7 E	3.28	8.41A	6.81	---	---	5
6	---	---	---	---	5.07	7.40E	13.5 E	3.07	9.40E	6.55	---	---	6
7	---	---	---	---	4.97	8.80E	11.5 E	3.20	8.58A	8.50A	---	---	7
8	---	---	---	---	5.38	8.00E	9.80E	7.36	8.04A	6.30E	---	---	8
9	---	---	---	---	5.12	5.40E	9.70E	7.90	8.44A	6.18E	---	---	9
10	---	---	---	---	4.34	4.90E	9.80E	7.34	10.1 A	6.06E	---	---	10
11	---	---	---	---	3.84	4.63E	8.90E	7.21	10.6 A	5.90E	---	---	11
12	---	---	---	---	2.95	4.47E	8.40E	10.0	12.2 A	5.77E	---	---	12
13	---	---	---	---	3.74	4.50E	7.10E	12.3	24.1 A	5.80E	---	---	13
14	---	---	---	---	3.24	4.60E	6.00E	10.7	18.4	5.50E	---	---	14
15	---	---	---	---	3.18	4.70E	5.05E	14.4	14.9	5.40E	---	---	15
16	---	---	---	2.54 B	3.71	4.05E	5.28E	17.1	13.1	5.38A	---	---	16
17	---	---	---	1.57 B	4.46	4.42A	5.78E	14.5	12.1	5.18	---	---	17
18	---	---	---	1.12 B	6.69	4.42	3.90A	13.6	11.7+	4.90	---	---	18
19	---	---	---	0.7308	7.17	5.20	4.03	12.7	10.9	4.84	---	---	19
20	---	---	---	0.6108	5.50	5.93	4.01	16.6	9.91	4.81	---	---	20
21	---	---	---	0.5368	8.35	5.85	3.78	17.0	9.53	4.77	---	---	21
22	---	---	---	0.7678	6.70	5.63	3.57	13.8	9.16	4.65	---	---	22
23	---	---	---	1.05 B	6.80	5.48A	3.73	13.3	8.53	4.31B	---	---	23
24	---	---	---	1.09 B	6.67	7.30E	4.24	12.6	9.02	4.23B	---	---	24
25	---	---	---	1.24 B	8.51	9.80E	3.95	12.2	8.70	4.15B	---	---	25
26	---	---	---	1.27 B	10.2	12.9 A	3.65	11.7	8.75	3.91B	---	---	26
27	---	---	---	1.60 B	9.03	14.6 E	3.52	10.6	6.59	3.50B	---	---	27
28	---	---	---	1.38 B	7.83	16.5 E	3.54	9.82	7.85	3.45B	---	---	28
29	---	---	---	1.36 B	11.0	18.6 E	3.82	9.67	7.62	3.34B	---	---	29
30	---	---	---	1.38 B	11.2	20.8 E	3.71	9.20	7.70	3.23B	---	---	30
31	---	---	---		9.75		3.48	8.80		3.15B	---	---	31
TOTAL	---	---	---	---	192.94	239.02	238.28	207.02	308.48	183.32	---	---	TOTAL
MEAN	---	---	---	---	6.32	7.63	7.62	8.20	10.3	5.27	---	---	MEAN
MAX	---	---	---	---	11.2	20.8	16.3	16.6	24.1	7.86	---	---	MAX
MIN	---	---	---	---	1.72	4.42	3.48	3.07	7.62	3.15	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.84
MAXIMUM DAILY, 24.1A ON SEP 13
MINIMUM DAILY, 1.72B ON MAY 1
MAXIMUM INSTANTANEOUS,
27.1 AT 05:00 MST ON SEP 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 52 04 N
LONG 114 35 43 W
DRAINAGE AREA, 495 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	20 400
FEB	---	AUG	38 600
MAR	---	SEP	26 600
APR	---	OCT	14 100
MAY	16 600	NOV	---
JUN	20 300	DEC	---

TOTAL DISCHARGE, 135 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM A GRAPH OF GAUGE READINGS

CASCADE POWER DIVERSION NEAR BANFF - STATION NO. 0SD0004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1138	11.3	9.71	0.339	0.278	0.272	0.333	30.2	15.3	0.378	1.76	3.56	1
2	0.1138	11.4	10.0	0.735	0.300	0.271	3.89	19.9	15.8	0.413	0.393	6.82	2
3	0.0858	11.4	10.4	0.668	0.270	0.271	0.331	32.2	16.2	0.389	0.390	7.78	3
4	0.0858	10.9	9.93	0.356	0.261	0.277	0.342	31.8	22.5	0.382	0.389	6.62	4
5	0.1138	10.1	9.98	0.350	0.283	0.266	7.03	30.0	23.4	0.381	13.0	3.58	5
6	0.0858	11.8	9.91	0.345	0.261	0.868	2.80	18.4	23.2	0.393	0.438	3.70	6
7	0.0858	10.9	10.1	0.344	0.276	0.262	0.511	20.8	20.0	0.400	0.588	0.411	7
8	0.1138	10.8	9.22	0.341	0.277	0.261	7.86	21.4	16.2	0.407	0.803	0.411	8
9	0.1138	9.91	8.60	0.341	0.268	0.265	14.2	18.2	15.8	0.408	0.360	4.63	9
10	0.0858	8.85	10.4	0.334	0.271	0.258	15.7	16.9	15.5	0.413	0.385	3.78	10
11	0.1138	11.5	9.85	0.300	0.277	0.265	16.4	18.5	13.7	0.406	0.385	6.68	11
12	0.0858	10.6	10.2	0.283	0.273	0.256	16.7	21.8	0.404	0.405	0.381	11.8	12
13	0.0858	10.1	10.1	0.281	0.273	0.305	17.2	21.2	0.402	0.404	0.382	10.3	13
14	0.1428	8.53	10.1	0.267	0.445	0.254	17.0	20.8	0.381	0.411	0.378	8.81	14
15	0.0858	8.80	9.94	0.283	0.277	0.257	16.6	21.6	0.372	0.415	6.66	10.3	15
16	0.0858	8.57	8.35	0.278	0.262	0.259	20.8	20.8	0.387	3.15	2.16	12.7	16
17	0.0858	8.63	6.85	1.27	0.304	0.287	20.1	18.3	0.388	0.480	2.06	16.0	17
18	0.1138	10.4	9.90	0.283	0.285	2.14	21.4	15.9	0.383	0.381	4.37	16.7	18
19	0.0858	9.08	9.84	0.278	0.284	0.252	19.7	14.5	0.420	0.381	4.44	14.0	19
20	0.0858	8.47	10.0	0.273	0.284	0.747	20.9	9.48	0.381	0.386	4.77	10.8	20
21	0.1138	10.3	10.1	0.446	0.283	8.26	18.8	4.50	0.386	0.856	8.73	11.8	21
22	0.0858	9.80	9.97	0.283	0.274	0.378	20.8	0.402	0.384	0.385	7.56	3.38	22
23	3.38 B	8.85	9.88	0.282	0.266	0.387	23.7	0.387	0.417	0.389	6.76	6.80	23
24	8.38 B	9.07	9.58	0.288	0.287	0.383	18.1	0.382	0.373	0.383	7.86	0.870	24
25	13.7	10.1	10.1	0.287	0.274	10.2	22.2	0.384	0.382	0.400	7.06	0.376	25
26	11.3	9.81	9.81	0.283	0.268	22.1	21.6	0.382	0.385	0.403	7.35	0.375	26
27	10.6	9.88	9.88	0.274	0.268	23.6	21.8	0.388	0.380	0.400	7.38	0.407	27
28	10.9	9.85	3.85	0.286	0.272	25.5	22.0	0.378	0.377	0.401	6.88	0.378	28
29	10.8		2.83	0.304	0.273	22.1	21.6	0.388	0.380	0.382	6.81	0.378	29
30	11.2		0.338	0.283	0.273	8.69	22.0	0.388	0.381	0.233	3.78	0.378	30
31	11.3		0.338		0.268		21.0	15.8		0.332		13.0	31
TOTAL	93.711	277.81	288.232	10.634	8.830	126.808	473.177	408.280	305.339	14.206	113.331	213.987	TOTAL
MEAN	3.99	9.93	9.23	0.381	0.278	4.15	15.3	13.2	8.67	0.458	3.77	6.84	MEAN
MAX	13.7	11.5	10.4	1.27	0.445	25.5	23.7	23.3	23.4	3.15	13.0	16.8	MAX
MIN	0.085	8.47	0.338	0.267	0.261	0.252	0.331	0.378	0.368	0.233	0.380	0.378	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.02
MAXIMUM DAILY, 25.5 ON JUN 26
MINIMUM DAILY, 0.0858 ON JAN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 11 07 N
LONG 115 30 08 W

B - ICE CONDITIONS

REGULATED SINCE 1942

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 010	JUL	40 080
FEB	24 000	AUG	35 300
MAR	22 100	SEP	17 600
APR	535	OCT	1 330
MAY	748	NOV	9 780
JUN	10 600	DEC	18 300

TOTAL DISCHARGE, 190 000 dam³

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

CASCADE RIVER ABOVE LAKE MINNEWANKA - STATION NO. 05BB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.99	12.1	11.9	4.28	4.93	4.10	---	---	1
2	---	---	---	---	2.26	11.2	11.0	4.32	4.77	4.00	---	---	2
3	---	---	---	---	3.12	10.6	10.7	4.38	4.84	3.89	---	---	3
4	---	---	---	---	3.04	11.3	10.3	4.38	4.85	3.93	---	---	4
5	---	---	---	---	2.81	12.3	10.4	4.41	4.88	3.91	---	---	5
6	---	---	---	---	2.42	10.9	9.84	4.37	5.15	3.88	---	---	6
7	---	---	---	---	2.50	11.4	8.59	4.16	4.75	3.85	---	---	7
8	---	---	---	---	2.57	14.6	8.64	4.27	4.86	3.48A	---	---	8
9	---	---	---	---	2.74	11.9	8.28	4.15	4.83	3.80E	---	---	9
10	---	---	---	---	2.85	10.2	8.21	4.16	4.92	3.10E	---	---	10
11	---	---	---	---	3.60	9.18	7.51	4.26	5.62	3.40E	---	---	11
12	---	---	---	---	3.43	11.6	7.31	5.17	9.75	3.35E	---	---	12
13	---	---	---	---	3.40	13.0	8.66	4.95	14.1	3.29E	---	---	13
14	---	---	---	---	3.62	13.6	8.19	4.71	11.6	3.35E	---	---	14
15	---	---	---	---	3.80	11.9	8.07	6.92	9.86	3.95E	---	---	15
16	---	---	---	---	4.00	10.4	8.07	8.74	8.89	3.90E	---	---	16
17	---	---	---	---	8.59	9.79	8.74	7.67	7.88	3.90E	---	---	17
18	---	---	---	---	10.4	10.8	8.98	8.99	8.89	3.78E	---	---	18
19	---	---	---	---	13.1	12.9	9.63	8.70	8.80	3.62E	---	---	19
20	---	---	---	---	14.3	14.5	9.49	7.89	8.20	3.49E	---	---	20
21	---	---	---	---	14.0	13.1	9.40	8.35	9.93	3.52E	---	---	21
22	---	---	---	1.75A	14.3	10.6	9.42	9.15	9.84	3.35E	---	---	22
23	---	---	---	1.66	14.3	9.19	8.85	8.89	8.33	3.32E	---	---	23
24	---	---	---	1.87	16.3	8.23	8.36	8.12	8.18	3.32E	---	---	24
25	---	---	---	1.86	21.5	7.23	8.02	7.36	8.86	3.34E	---	---	25
26	---	---	---	1.86	14.9	6.89	8.70	6.84	8.78	3.38E	---	---	26
27	---	---	---	1.84	13.1	7.52	8.60	8.05	8.88	3.69E	---	---	27
28	---	---	---	1.89	11.6	8.71	8.48	8.83	8.28	3.61A	---	---	28
29	---	---	---	1.89	11.7	11.2	8.40	8.67	8.25	3.60E	---	---	29
30	---	---	---	1.91	12.3	13.4	8.41	8.66	8.17	3.38E	---	---	30
31	---	---	---	---	12.7	---	8.41	8.32	---	3.30E	---	---	31
TOTAL	---	---	---	---	243.84	337.84	315.38	188.48	183.98	109.17	---	---	TOTAL
MEAN	---	---	---	---	7.86	10.9	8.95	6.02	8.13	3.52	---	---	MEAN
MAX	---	---	---	---	21.5	14.6	11.9	9.35	14.1	4.10	---	---	MAX
MIN	---	---	---	---	1.99	8.89	8.40	4.16	4.17	3.80	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.88
MAXIMUM DAILY, 21.5 ON MAY 25
MINIMUM DAILY, 1.99 ON MAY 1
MAXIMUM INSTANTANEOUS,
24.8 AT 03:40 MST ON MAY 25

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 15 N
LONG 115 32 00 W
DRAINAGE AREA, 456 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	18 600
FEB	---	AUG	16 100
MAR	---	SEP	18 900
APR	---	OCT	9 430
MAY	21 000	NOV	---
JUN	28 300	DEC	---

TOTAL DISCHARGE, 109 000 dam³

CASTLE RIVER AT RANGER STATION - STATION NO. 05AA025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.8238	1.08E	32.1	28.8	9.02	3.25	3.26	8.11	---	---	1
2	---	---	0.7808	1.23	35.1	26.0	8.83	3.33	3.34	7.64	---	---	2
3	---	---	0.7008	1.61	33.4	22.7	8.31	3.24	3.17	7.68	---	---	3
4	---	---	0.7808	1.28	30.6	21.1	8.11	3.10	3.18	7.24	---	---	4
5	---	---	0.8508	1.30	31.4	20.3	7.83	3.02	3.26	6.86	---	---	5
6	---	---	0.8408	1.31	35.4	20.3	7.84	2.98	3.88	7.19	---	---	6
7	---	---	0.8708	1.35	33.4	23.6	7.17	2.88	3.38	8.78	---	---	7
8	---	---	0.8408	1.36	31.4	32.7	6.81	2.86	3.44	8.27	---	---	8
9	---	---	0.8008	1.62	30.8	28.2	6.80	2.85	3.84	8.88	---	---	9
10	---	---	0.9308	1.80	30.6	35.0	8.23	3.02	3.75	8.87	---	---	10
11	---	---	0.9808	2.21	19.8	33.3	8.02	3.03	4.03	8.87	---	---	11
12	---	---	1.02 B	2.71	17.8	21.5	6.78	3.30	7.43	8.75	---	---	12
13	---	---	1.04 B	3.88	18.3	21.9	6.63	3.11	13.9	8.48	---	---	13
14	---	---	1.08 B	10.0	18.2	31.3	6.41	3.02	14.5	8.48	---	---	14
15	---	---	1.09 B	14.0	16.6	30.2	6.12	3.89	13.1	8.20	---	---	15
16	---	---	1.10 B	12.8	19.7	19.8	4.83	4.45	11.8	8.53	---	---	16
17	---	---	1.15 B	12.6	23.5	18.4	4.68	4.64	11.3	10.3	---	---	17
18	---	---	1.20 B	13.3	27.9	16.9	4.76	5.09	10.8	10.1	---	---	18
19	---	---	1.20 B	11.8	34.6	15.0	4.63	5.23	10.0	9.84	---	---	19
20	---	---	1.11 B	10.3	38.7	17.1	4.37	5.04	9.19	10.5	---	---	20
21	---	---	1.03 B	9.87	42.8	16.8	4.32	5.01	9.15	11.1	---	---	21
22	---	---	0.9908	7.68	44.6	15.0	4.08	4.80	9.85	11.4	---	---	22
23	---	---	0.9508	7.11	46.3	14.0	4.05	4.58	9.60	11.2	---	---	23
24	---	---	0.9258	8.38	45.8	13.0	3.98	4.44	9.33	10.7	---	---	24
25	---	---	0.9008	8.84	47.6	11.8	3.83	4.16	8.92	14.9	---	---	25
26	---	0.8388	0.8008	8.48	44.1	10.9	3.71	4.01	8.09	18.3	---	---	26
27	---	1.33 B	0.8008	8.87	38.1	10.1	3.86	3.87	9.43	15.6	---	---	27
28	---	0.8108	0.9258	13.2	30.3	9.85	3.68	3.78	8.92	14.1	---	---	28
29	---		0.9508	23.3	27.8	9.60	3.49	3.82	8.97	15.8 A	---	---	29
30	---		0.8758	32.7	28.8	9.35	3.43	3.49	8.39	15.4 E	---	---	30
31	---		1.00 E		28.1		3.43	3.38		15.0 E	---	---	31
TOTAL	---	---	28.638	212.18	910.9	582.80	188.81	118.13	231.18	300.66	---	---	TOTAL
MEAN	---	---	0.958	7.07	29.4	19.8	6.48	3.75	7.71	9.71	---	---	MEAN
MAX	---	---	1.20	32.7	47.6	32.7	9.02	5.23	14.5	15.3	---	---	MAX
MIN	---	---	0.780	1.08	16.2	9.35	3.38	2.85	3.18	6.48	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.3
MAXIMUM DAILY, 47.6 ON MAY 25
MINIMUM DAILY, 0.7008 ON MAR 3
MAXIMUM INSTANTANEOUS,
47.8 AT 07:34 MST ON MAY 25

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 55 N
LONG 114 39 20 W
DRAINAGE AREA, 370 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	16 800
FEB	---	AUG	10 000
MAR	2 880	SEP	20 000
APR	18 300	OCT	28 000
MAY	78 700	NOV	---
JUN	48 600	DEC	---

TOTAL DISCHARGE, 219 000 dam³

CASTLE RIVER NEAR BEAVER MINES - STATION NO. 05AA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.550	1.480	1.380	3.85	35.1	44.9	13.9	4.33	4.39	14.3	22.8	5.400	1
2	1.500	1.450	1.320	3.58	40.9	40.3	13.2	4.24	4.74	13.6	22.4	5.400	2
3	1.480	1.430	1.280	4.42	56.6	35.4	12.6	4.56	4.80	13.6	23.6	5.450	3
4	1.780	1.410	1.300	4.46	67.0	32.2	12.5	4.12	4.85	13.6	29.6	5.600	4
5	1.760	1.400	1.350	3.95	52.3	30.9	12.0	4.00	4.76	13.3	29.1	5.800	5
6	2.250	1.400	1.480	3.86	41.7	31.6	11.7	3.91	4.74	13.8	25.9	5.800	6
7	2.230	1.380	1.800	3.46	38.3	40.2	11.2	3.77	5.90	13.3	23.6	5.600	7
8	2.200	1.350	1.850	3.67	34.8	64.7	10.7	3.70	5.68	11.6	21.8	5.300	8
9	2.100	1.320	1.850	4.45	34.1	52.5	10.2	3.61	5.34	11.3	19.1	5.150	9
10	2.020	1.310	1.920	5.83	34.0	42.7	9.76	4.07	7.08	11.1	15.8	5.050	10
11	1.980	1.320	1.900	9.34	32.3	38.8	9.36	4.31	8.74	11.3	14.7	5.050	11
12	1.920	1.800	1.950	11.7	29.2	35.1	8.98	4.85	15.0	14.5	13.0 B	5.000	12
13	1.880	1.850	1.800	16.4	26.9	35.4	8.69	5.00	28.3	10.9	12.0 B	5.000	13
14	2.100	1.500	1.590	26.6	27.0	33.7	8.40	4.36	24.5	10.8	12.0 B	5.000	14
15	1.950	1.450	1.850	30.2	29.0	32.5	7.98	5.63	21.1	14.1	13.0 B	5.700	15
16	1.800	1.420	1.760	24.6	32.5	32.0	7.68	6.11	18.4	21.0	12.5 B	5.700	16
17	1.700	1.400	1.810	24.6	38.6	29.1	7.38	7.03	17.6	22.5	10.0 B	5.550	17
18	1.850	1.400	2.110	23.6	48.4	26.8	7.25	6.99	17.8	20.6	9.200	5.500	18
19	1.580	1.400	2.200	21.0	61.5	25.4	6.76	6.89	16.7	19.6	8.800	5.500	19
20	1.500	1.400	2.340	18.2	70.3	24.9	6.46	6.81	15.8	20.9	8.400	5.400	20
21	1.800	1.400	3.190	15.8	74.4	26.3	6.18	6.82	15.6	21.1	8.000	5.200	21
22	1.730	1.380	3.090	14.0	75.8	23.2	5.93	6.53	17.8	21.3	7.800	5.000	22
23	3.000	1.390	2.110	12.8	77.5	21.4	5.80	6.16	17.5	20.7	7.400	4.800	23
24	1.950	1.380	2.110	11.9	77.2	19.9	5.74	5.78	16.7	19.4	7.200	4.550	24
25	1.600	1.300	2.010	11.3	81.8	18.1	5.45	5.44	16.4	28.7	7.000	4.300	25
26	1.700	1.250	1.940	10.6	75.4	16.5	5.24	5.22	16.5	31.1	6.750	4.100	26
27	1.650	1.400	2.090	10.4	69.3	15.5	5.07	5.04	17.2	29.3	6.700	4.000	27
28	1.600	1.450	1.820	22.6	60.3	15.0	4.98	4.91	16.1	31.3	6.600	4.400	28
29	1.550		1.600	29.7 E	45.8	14.8	4.79	4.79	15.4	29.9	6.500	4.800	29
30	1.520		1.800	35.6 A	44.0	14.5	4.84	4.59	14.7	27.5	6.450	4.800	30
31	1.500		2.090		42.3		4.81	4.48		25.0		4.700	31
TOTAL	55.82	39.53	59.09	423.53	1 532.8	914.1	255.02	180.03	405.83	574.8	417.44	173.01	TOTAL
MEAN	1.80	1.41	1.78	14.1	49.4	30.5	8.23	5.16	13.5	18.5	13.9	5.55	MEAN
MAX	3.25	1.80	3.34	36.6	81.8	64.7	13.9	8.11	28.3	31.3	29.6	5.80	MAX
MIN	1.50	1.30	1.35	3.46	29.0	14.5	4.51	3.70	4.39	10.8	8.45	4.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 81.8 ON MAY 25
MINIMUM DAILY, 1.250 ON MAR 3
MAXIMUM INSTANTANEOUS,
83.7 AT 10:05 MST ON MAY 25

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 20 N
LONG 114 08 40 W
DRAINAGE AREA, 826 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 820	JUL	22 000
FEB	3 420	AUG	13 800
MAR	4 780	SEP	35 100
APR	35 600	OCT	49 600
MAY	132 000	NOV	36 100
JUN	79 000	DEC	14 900

TOTAL DISCHARGE, 432 000 dam³

CATARACT CREEK NEAR FORESTRY ROAD - STATION NO. 05BL022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1388	0.1039	0.1388	0.1388	1.42	8.55	1.83	0.897	0.873	2.01	1.80 B	0.8388	1
2	0.1378	0.1048	0.1368	0.1868	2.04	7.89	1.54	0.882	1.02	1.95	1.70	0.8208	2
3	0.1368	0.1068	0.1388	0.2388	3.95	6.86	1.40	0.817	0.873	1.90	1.68	0.8188	3
4	0.1318	0.1158	0.1278	0.2108	3.87	6.27	1.37	0.840	0.883	1.82	1.60	0.8118	4
5	0.1318	0.1218	0.1268	0.1848	2.95	6.85	1.36	0.843	1.08	1.80	1.48	0.8038	5
6	0.1298	0.1158	0.1238	0.1728	2.22	6.04	1.30	0.870	1.19	1.74	1.35 B	0.8068	6
7	0.1288	0.1108	0.1208	0.1668	2.42	7.02	1.23	0.842	1.09	1.81	1.25 B	0.8468	7
8	0.1308	0.1048	0.1208	0.2318	2.88	8.06	1.17	0.876	1.07	1.858	1.13 B	0.8408	8
9	0.1298	0.0978	0.1188	0.3218	2.66	8.22	1.17	0.806	1.10	1.848	1.03 B	0.8298	9
10	0.1298	0.0928	0.1168	0.4238	2.62	8.74	1.17	0.838	1.23	1.80	0.9008	0.8178	10
11	0.1268	0.0878	0.1178	0.817	2.36	8.48	1.15	0.802	1.82	1.88	0.8408	0.8148	11
12	0.1238	0.0908	0.1188	0.734	2.18	8.18	1.13	0.786	2.20	1.81	0.8888	0.8138	12
13	0.1228	0.0868	0.1268	1.18	2.18	4.84	1.12	0.851	2.59	1.84	0.8008	0.8148	13
14	0.1238	0.0838	0.1298	1.26	2.86	4.78	1.07	0.869	5.65	1.83	0.8238	0.8118	14
15	0.1218	0.1068	0.1308	1.03	2.77	4.38	1.03	1.09	5.32	1.83	0.8408	0.8068	15
16	0.1288	0.1048	0.1288	1.01	3.61	4.02	1.11	1.47	4.28	1.79	0.8888	0.4988	16
17	0.1298	0.0958	0.1368	1.06	4.58	3.94	1.38	1.53	3.80	1.76	0.8208	0.8018	17
18	0.1248	0.0978	0.1528	1.06	5.12	3.73	1.17	1.42	3.44	1.88	0.8748	0.8008	18
19	0.1258	0.1108	0.1608	1.00	7.82	3.84	1.08	1.27	3.18	1.88	0.8308	0.4858	19
20	0.1208	0.1158	0.1808	0.882	7.47	3.87	0.994	1.18	2.88	1.89	0.7788	0.4808	20
21	0.1228	0.1228	0.1678	0.845	7.84	3.58	0.928	1.38	2.82	1.89	0.7878	0.4838	21
22	0.1218	0.1238	0.1708	0.7928	7.88	3.88	0.867	1.48	2.82	1.86	0.7818	0.4808	22
23	0.1188	0.1278	0.1828	0.7928	8.81	2.74	0.878	1.31	2.88	1.81	0.7308	0.4788	23
24	0.1148	0.1318	0.1648	0.739	9.21	2.58	0.836	1.23	2.88	1.84	0.7158	0.4888	24
25	0.1118	0.1318	0.1688	0.717	11.8	2.32	0.783	1.17	2.48	1.85	0.7008	0.4588	25
26	0.1088	0.1318	0.1488	0.6488	10.3	2.04	0.743	1.13	2.53	1.86	0.6858	0.4488	26
27	0.1068	0.1328	0.1348	0.7038	8.28	1.98	0.708	1.10	2.44	1.80	0.6708	0.4088	27
28	0.1028	0.1348	0.1208	0.938	7.61	1.83	0.685	1.08	2.34 B	2.13	0.6568	0.4078	28
29	0.1068		0.1268	1.11	7.88	1.88	0.853	1.04	2.34 B	2.088	0.6508	0.4088	29
30	0.1018		0.1188	1.22	8.88	1.88	0.834	1.01	2.07	2.088	0.6468	0.4078	30
31	0.1038		0.1208		9.10		0.807	1.03		1.988		0.4048	31
TOTAL	3.790	3.081	4.281	20.471	164.28	136.38	32.906	29.288	68.429	55.83	39.088	15.939	TOTAL
MEAN	0.121	0.110	0.137	0.882	5.30	4.55	1.06	0.945	2.88	1.79	0.980	0.804	MEAN
MAX	0.137	0.134	0.182	1.26	11.8	8.55	1.83	1.83	5.65	2.13	1.80	0.830	MAX
MIN	0.100	0.088	0.118	0.139	1.42	1.88	0.807	0.842	0.873	1.43	0.840	0.404	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.69
MAXIMUM DAILY, 11.8 ON MAY 25
MINIMUM DAILY, 0.0888 ON FEB 15
MAXIMUM INSTANTANEOUS,
17.8 AT 13:12 MST ON SEP 12

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 04 N
LONG 114 35 25 W
DRAINAGE AREA, 188 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	336	JUL	2 840
FEB	256	AUG	3 630
MAR	383	SEP	7 380
APR	1 770	OCT	4 810
MAY	14 200	NOV	3 870
JUN	11 800	DEC	1 380

TOTAL DISCHARGE, 80 300 dam³

CAVAN LAKE DIVERSION NEAR DUNMORE - STATION NO. 08AH044

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0 B	0 B	1.26	0.572	0.012	0	0	0	0	---	---	1
2	---	0.0 B	0 B	4.20	0.386	0.006	0	0	0	0	---	---	2
3	---	0.0 B	0 B	2.72	0.305	0.006	0	0	0	0	---	---	3
4	---	0.0 B	0 B	1.51	0.368	0.006	0	0	0	0	---	---	4
5	---	0.0 B	0 B	0.877	0.437	0	0	0	0	0	---	---	5
6	---	0.0 B	0 B	0.540	0.330	0	0	0	0	0	---	---	6
7	---	0.0 B	0 B	0.390	0.230	0	0	0	0	0	---	---	7
8	---	0.0 B	0 B	0.362	0.174	0	0	0	0	0	---	---	8
9	---	0.0 B	0 B	0.497	0.131	0	0	0	0	0	---	---	9
10	---	0.0 B	0 B	0.878	0.103	0	0	0	0	0	---	---	10
11	---	0.0 B	0 B	0.978	0.075	0	0	0	0	0	---	---	11
12	---	0.0 B	0.0208	0.958	0.102	0	0	0	0	0	---	---	12
13	---	0.0 B	0.0808	0.869	0.204	0	0	0	0	0	---	---	13
14	---	0.0 B	0.1008	0.512	0.589	0	0	0	0	0	---	---	14
15	---	0.0 B	0.1808	0.430	3.20	0	0	0	0	0	---	---	15
16	---	0.0 B	0.3508	0.284	1.61	0	0	0	0	0	---	---	16
17	---	0.0 B	1.60 B	0.213	0.716	0	0	0	0	0	---	---	17
18	---	0.0 B	2.15 B	0.180	0.838	0	0	0	0	0	---	---	18
19	---	0.0 B	1.64	0.153	0.510	0	0	0	0	0	---	---	19
20	---	0.0 B	2.36	0.191	0.369	0	0	0	0	0	---	---	20
21	---	0.0 B	2.27	0.189	0.276	0	0	0	0	0	---	---	21
22	---	0.0 B	0.822	0.157	0.183	0	0	0	0	0	---	---	22
23	---	0.0 B	0.373	0.159	0.110	0	0	0	0	0	---	---	23
24	---	0.0 B	0.444	0.307	0.085	0	0	0	0	0	---	---	24
25	---	0.0 B	0.131	0.809	0.048	0	0	0	0	0	---	---	25
26	---	0.0 B	0.130	0.741	0.041	0	0	0	0	0	---	---	26
27	---	0.0 B	0.261	1.03	0.041	0	0	0	0	0	---	---	27
28	---	0.0 B	0.238	4.08	0.030	0	0	0	0	0	---	---	28
29	0.0 B		0.135	2.88	0.023	0	0	0	0	0A	---	---	29
30	0.0 B		0.148	1.18	0.018	0	0	0	0	0E	---	---	30
31	0.0 B		0.143		0.024		0	0		0E		---	31
TOTAL	---	0	13.893	29.103	11.874	0.030	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.428	0.970	0.383	0.001	0	0	0	0	---	---	MEAN
MAX	---	0	2.36	4.20	3.20	0.012	0	0	0	0	---	---	MAX
MIN	---	0	0	0.143	0.018	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.200
MAXIMUM DAILY, 4.20 ON APR 2
MINIMUM DAILY, 0.0 ON FEB 1

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 50 N
LONG 110 36 50 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	1 170	SEP	0
APR	3 510	OCT	0
MAY	1 030	NOV	---
JUN	2.59	DEC	---

TOTAL DISCHARGE, 4 710 dam³

CAVAN LAKE NEAR DUNMORE - STATION NO. 08AH044

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	807.005	808.119	808.079	808.044	807.988	807.837	807.808	---	---	1
2	---	---	---	807.228	808.152	808.074	808.013	807.970	807.832	807.788	---	---	2
3	---	---	---	807.575	808.170	808.063	808.008	807.970	807.827	807.793	---	---	3
4	---	---	805.098A	807.787	808.180	808.061	808.028	807.987	807.826	807.788	---	---	4
5	---	---	---	807.883	808.188	808.057	808.000	807.954	807.830	807.798	---	---	5
6	---	---	---	807.917	808.206	808.041	808.008	807.953	807.812	807.784	---	---	6
7	---	---	---	807.887	808.223	808.037	808.034	807.948	807.816	807.788	---	---	7
8	---	---	---	807.868	808.226	808.016	808.013	807.930	807.819	807.804	---	---	8
9	---	---	---	808.010	808.226	808.008	808.784	807.918	807.821	807.815	---	---	9
10	---	---	---	808.049	808.223	808.488	808.772	807.913	807.827	807.808	---	---	10
11	---	---	---	808.115	808.220	808.487	808.767	807.911	807.828	807.813	---	---	11
12	---	---	805.238A	808.183	808.221	808.483	808.725	807.908	807.840	807.788	---	---	12
13	---	---	---	808.258	808.244	808.484	808.685	807.908	807.867	807.795	---	---	13
14	---	---	---	808.283	808.267	808.488	808.653	807.908	807.848	807.788	---	---	14
15	---	---	---	808.305	808.310	808.478	808.615	807.903	807.848	807.784	---	---	15
16	---	---	805.333A	808.336	808.484	808.462	808.588	807.888	807.840	807.809	---	---	16
17	---	---	805.351	808.348	808.526	808.448	808.565	807.888	807.826	807.805	---	---	17
18	---	---	805.526	808.380	808.584	808.430	808.488	807.897	807.818	807.799	---	---	18
19	---	---	806.021	808.356	808.581	808.408	808.422	807.893	807.816	807.802	---	---	19
20	---	---	806.284	808.374	808.802	808.378	808.384	807.885	807.820	807.788	---	---	20
21	---	---	806.547	808.384	808.808	808.384	808.385	807.883	807.808	807.802	---	---	21
22	---	---	806.737	808.393	808.813	808.318	808.328	807.888	807.810	807.788	---	---	22
23	---	---	806.811	808.408	808.813	808.282	808.287	807.888	807.811	807.783	---	---	23
24	---	---	806.838	808.406	808.807	808.227	808.285	807.888	807.813	807.778	---	---	24
25	---	806.872A	806.856	808.447	808.588	808.178	808.237	807.880	807.821	807.762	---	---	25
26	---	---	806.873	808.517	808.585	808.154	808.198	807.868	807.814	807.741	---	---	26
27	---	---	806.894	808.582	808.588	808.127	808.150	807.882	807.808	807.742	---	---	27
28	---	---	806.926	808.704	808.584	808.088	808.103	807.857	807.808	807.738	---	---	28
29	---		806.963	808.926	808.581	808.051	808.055	807.857	807.808	807.727	---	---	29
30	---		806.985	808.980	808.588	808.048	808.016	807.858	807.812	807.736A	---	---	30
31	---		806.988		808.581		807.977	807.838		807.736E		---	31
MEAN	---	---	---	808.203	808.402	808.384	808.537	807.905	807.823	807.788	---	---	MEAN
MAX	---	---	---	808.980	808.813	808.577	808.044	807.970	807.857	807.815	---	---	MAX
MIN	---	---	---	807.005	808.119	808.048	807.977	807.838	807.808	807.727	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1985

MAXIMUM DAILY, 808.813 ON MAY 23

MAXIMUM INSTANTANEOUS,
808.817 AT 11:55 MST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 56 36 N
LONG 110 33 56 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

DRAINAGE AREA,
11.4 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

CHAIN LAKES RESERVOIR NEAR NANTON - STATION NO. 05AB037

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1294.682	---	1295.650E	1295.309	---	1296.736	1297.103	---	1
2	---	---	---	---	---	---	1295.645	1295.302	---	1296.788	1297.101	---	2
3	---	---	---	---	---	---	1295.626	1295.300	---	1296.803	1297.102	---	3
4	---	---	---	---	---	---	1295.620E	1295.308	---	1296.831	1297.101	---	4
5	---	---	---	---	---	1295.382	1295.615E	1295.290E	---	1296.859	1297.102	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	1295.610E	1295.270E	---	1296.899	---	1295.988	7
8	---	---	---	---	---	---	1295.600E	1295.250	---	1296.939	---	---	8
9	---	---	---	---	---	---	1295.594	1295.240E	---	1296.983	---	---	9
10	---	---	---	1293.552	---	---	1295.576	1295.229	---	1296.984	---	---	10
11	---	---	---	---	---	---	1295.554	1295.225	---	1297.011	---	---	11
12	---	---	---	---	---	---	1295.531	1295.223E	---	1297.036	---	---	12
13	---	---	---	---	---	---	1295.510	1295.221E	---	1297.054	---	---	13
14	---	---	---	---	---	---	1295.508	1295.219E	---	1297.083	---	---	14
15	---	---	---	---	---	---	1295.498E	1295.217	---	1297.085	---	---	15
16	---	---	---	---	---	---	1295.480	1295.289	---	1297.107	---	---	16
17	---	---	---	---	---	---	1295.450	1295.288	---	1297.118	---	---	17
18	---	---	---	---	---	---	1295.458	1295.304	---	1297.126	---	---	18
19	---	---	1293.243	---	---	---	1295.444	1295.312	1295.180	1297.128	---	---	19
20	---	---	---	---	---	---	1295.435E	1295.325E	1295.210E	1297.126	---	---	20
21	---	---	---	---	---	---	1295.431	1295.335E	1295.260E	1297.130	---	---	21
22	---	---	---	---	---	1295.855	1295.421	1295.345E	1295.310E	1297.134	---	---	22
23	---	---	---	---	---	1295.685E	1295.415E	1295.360	1295.352	1297.133	---	---	23
24	---	---	---	---	1294.614	1295.675E	1295.410	1295.362	1295.392	1297.130	---	---	24
25	---	---	---	---	1294.695E	1295.664	1295.401	1295.371	---	1297.124	---	---	25
26	---	---	---	---	1294.895E	1295.660E	1295.385	1295.373E	---	1297.120	---	---	26
27	---	---	---	---	1294.735E	1295.674	1295.377	1295.375	---	1297.120	---	---	27
28	---	---	---	---	1294.778	1295.660	1295.371	---	---	1297.117	---	---	28
29	---		---	---	---	1295.670	1295.365	---	---	1297.115	---	---	29
30	---		---	---	---	1295.658	1295.353	---	---	1297.115	---	---	30
31	---		---	---	---	1295.660E	1295.330E	---	---	1297.113	---	---	31
							1295.319	---		1297.108		---	
MEAN	---	---	---	---	---	---	1295.486	---	---	1297.037	---	---	MEAN
MAX	---	---	---	---	---	---	1295.650	---	---	1297.134	---	---	MAX
MIN	---	---	---	---	---	---	1295.319	---	---	1296.735	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 37 N
LONG 114 11 55 W

E - ESTIMATED

REGULATED

DRAINAGE AREA,
187 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 1295.615 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

CHENAL DES QUATRE FOURCHES AT QUATRE FOURCHES - STATION NO. 07XF001

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	209.483	209.256	209.171	208.868	208.802	---	---	1
2	---	---	---	---	---	209.443	209.288	209.220	208.854	208.818	---	---	2
3	---	---	---	---	---	209.359	209.306	209.258	208.933	208.778	---	---	3
4	---	---	---	---	---	209.291	209.383	209.236	208.908	208.852	---	---	4
5	---	---	---	---	---	---	209.439	209.004	208.977	208.972	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	209.218	209.180	208.885	208.825	---	---	7
8	---	---	---	---	---	---	209.259	209.194	208.884	208.801	---	---	8
9	---	---	---	---	---	---	209.322	209.206	208.888	208.765	---	---	9
10	---	---	---	---	---	---	209.334	209.189	208.881	208.580	---	---	10
11	---	---	---	---	---	---	209.337	209.152	208.830	208.758	---	---	11
12	---	---	---	---	---	---	209.430	209.048	208.850	---	---	---	12
13	---	---	---	---	---	---	208.378	208.084	208.881	---	---	---	13
14	---	---	---	---	---	---	209.313	209.053	208.905	---	---	---	14
15	---	---	---	---	---	---	208.334	208.130	208.882	---	---	---	15
16	---	---	---	---	---	---	208.213	208.088	208.801	---	---	---	16
17	---	---	---	---	---	---	209.228	209.110	208.850	---	---	---	17
18	---	---	---	---	---	---	209.314	209.054	208.721	---	---	---	18
19	---	---	---	---	---	209.321	209.280	209.088	208.838	---	---	---	19
20	---	---	---	---	---	209.418	208.182	209.041	208.788	---	---	---	20
21	---	---	---	---	---	209.480	209.374	209.044	208.734	---	---	---	21
22	---	---	---	---	208.410	209.471	209.280	209.083	208.845	---	---	---	22
23	---	---	---	---	208.354	208.510	209.304	209.010	208.888	---	---	---	23
24	---	---	---	---	208.288	208.547	209.231	208.886	208.887	---	---	---	24
25	---	---	---	---	208.260	208.513	209.263	209.028	208.888	---	---	---	25
26	---	---	---	---	208.313	208.451	209.338	209.045	208.850	---	---	---	26
27	---	---	---	---	208.314	208.428	209.231	---	208.884	---	---	---	27
28	---	---	---	---	208.330	208.358	209.266	---	208.838	---	---	---	28
29	---		---	---	208.388	208.374	209.238	208.978	208.805	---	---	---	29
30	---		---	---	208.451	208.402	208.240	209.019	208.788	---	---	---	30
31	---		---	---	208.471	208.380	209.235	209.048	208.853	---	---	---	31
					208.486		209.307	208.883		---		---	
MEAN	---	---	---	---	---	---	209.281	---	208.859	---	---	---	MEAN
MAX	---	---	---	---	---	---	209.438	---	208.884	---	---	---	MAX
MIN	---	---	---	---	---	---	208.182	---	208.721	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 38 50 N
LONG 111 17 20 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

CHINCHAGA RIVER NEAR HIGH LEVEL - STATION NO. 07EC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9000	0.1800	0.0620	0.5000	78.8	22.4	15.5	3.02	6.38	36.0	7.550	3.320	1
2	0.8700	0.1500	0.0600	0.3000	83.5	21.8	14.9	2.82	6.80	34.7	6.530	3.300	2
3	0.8500	0.1300	0.0580	0.2000	89.8	21.2	13.8	3.31	10.4	34.5	6.030	3.150	3
4	0.8000	0.1200	0.0570	0.3000	101	20.8	12.9	3.70	13.3	31.8	6.030	3.030	4
5	0.7600	0.1100	0.0560	0.4000	111	19.7	11.8	4.26	12.5	29.5	6.050	2.870	5
6	0.7400	0.0970	0.0540	0.5000	140	18.8	10.3	4.03	11.1	27.2	5.780	2.820	6
7	0.7100	0.0900	0.0530	0.7360	194	16.9	9.25	3.84	10.3	25.3	5.450	2.740	7
8	0.6800	0.0850	0.0520	0.4770	230	15.3	8.16	3.82	9.40	23.6	5.350	2.810	8
9	0.6500	0.0800	0.0500	0.5780	235	14.8	7.45	3.76	8.80	22.1	5.130	2.810	9
10	0.6400	0.0750	0.0480	0.4730	218	14.4	6.82	3.76	7.86	21.6	4.900	2.800	10
11	0.6000	0.0700	0.0460	0.4080	187	13.7	6.41	3.61	7.85	21.7	4.910	2.800	11
12	0.5900	0.0690	0.0440	0.4650	177	13.4	5.80	3.45	7.69	20.7	4.780	2.780	12
13	0.5700	0.0680	0.0430	6.29 B	167	11.4	5.28	3.27	8.01	20.0	4.630	2.760	13
14	0.5400	0.0670	0.2120	6.87 B	160	10.8	4.98	3.24	8.81	19.1	5.180	2.810	14
15	0.5330	0.0650	0.3580	12.1 B	120	10.7	4.68	3.77	8.78	18.3	5.090	2.920	15
16	0.5100	0.0650	0.1820	11.6 B	105	10.8	4.30	3.78	10.4	18.3	5.140	3.040	16
17	0.4900	0.0650	0.1270	11.0 B	98.2	9.87	4.11	3.89	10.8	19.4	5.200	2.860	17
18	0.4800	0.0650	0.0640	21.6 B	77.7	8.83	4.17	3.90	11.2	18.8	5.170	2.630	18
19	0.4600	0.0650	0.0380	76.4 B	69.0	8.47	3.79	3.75	10.9	18.6	5.090	2.530	19
20	0.4500	0.0650	0.0340	86.5 B	62.6	7.84	3.61	3.83	12.3	18.9 B	4.950	2.360	20
21	0.4400	0.0650	0.0330	89.9 B	54.9	7.58	3.58	3.38	15.0	18.6 B	4.830	2.260	21
22	0.4200	0.0650	0.0320	88.1 B	48.8	7.34	3.61	3.20	21.0	17.2 B	4.810	2.160	22
23	0.4000	0.0650	0.2000	71.9 B	44.2	7.40	3.89	3.15	33.8	15.5 B	4.330	2.170	23
24	0.3900	0.0650	0.3000	77.1 B	40.8	7.46	3.79	3.83	36.3	13.2 B	4.180	2.130	24
25	0.3700	0.0650	0.1500	84.0 B	38.9	8.98	3.69	8.50	33.6	11.1 B	4.210	2.100	25
26	0.3600	0.0650	0.0600	72.1 B	32.8	11.0	4.00	8.38	32.9	7.780	3.980	2.070	26
27	0.3300	0.0640	0.0280	60.7 B	29.5	10.4	3.82	6.81	32.0	7.600	3.830	2.060	27
28	0.3100	0.0630	0.0260	59.2	26.0	9.97	3.33	6.13	31.9	7.530	3.830	2.120	28
29	0.2800		0.0300	74.4	24.6	9.84	3.08	7.60	31.1	6.920	3.410	2.110	29
30	0.2600		0.2000	74.4	23.4A	13.2	3.07	6.87	33.9	6.050	3.180	1.830	30
31	0.2300		0.4000		23.5		3.15	6.61		7.380		1.880	31
TOTAL	18.893	2.399	3.152	1 030.718	3 085.0	384.58	197.12	143.40	493.48	597.26	149.86	80.17	TOTAL
MEAN	0.635	0.082	0.102	34.0	99.9	12.8	6.36	4.69	15.4	19.3	5.00	2.59	MEAN
MAX	0.900	0.180	0.400	86.5	235	22.4	15.5	9.38	36.3	36.0	7.55	3.32	MAX
MIN	0.220	0.063	0.026	0.300	23.4	7.34	3.08	2.82	8.38	6.92	3.18	1.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.9
MAXIMUM DAILY, 235 ON MAY 6
MINIMUM DAILY, 0.0260 ON MAR 27
MAXIMUM INSTANTANEOUS,
340 AT 21:30 MST ON MAY 8

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 35 48 N
LONG 118 20 00 W
DRAINAGE AREA, 10 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 630	JUL	17 000
FEB	199	AUG	12 300
MAR	272	SEP	42 600
APR	88 200	OCT	51 500
MAY	265 000	NOV	12 900
JUN	33 200	DEC	6 930

TOTAL DISCHARGE, 832 000 dam³

CHIP LAKE AT OUTLET TO LOBSTICK RIVER - STATION NO. 07EB005

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	788.852	788.348	788.353	788.248	788.242	788.838	---	---	1
2	---	---	---	---	788.852	788.348	788.353	788.248	788.247	788.838	---	---	2
3	---	---	---	788.886	788.854	788.356	788.353	788.248	---	---	---	---	3
4	---	---	---	---	---	788.356	788.351	788.243	788.247	788.844	---	---	4
5	---	---	---	---	---	788.348	788.351	788.250	788.247	---	788.483	---	5
7	---	---	---	---	---	788.348	788.351	788.250	788.248	788.843	---	---	6
8	---	---	---	---	788.851	788.356	788.348	788.247	788.248	788.842	---	---	7
9	---	---	---	---	788.852	788.349	788.347	788.248	788.248	788.842	---	---	8
10	---	---	---	---	788.852	788.356	788.347	788.248	788.244	788.842	---	---	9
11	---	---	---	788.328	788.458	788.355	788.347	788.248	788.244	788.842	---	---	10
12	---	---	---	---	788.458	788.352	788.348	788.248	788.247	788.842	---	---	11
13	---	---	---	---	788.458	788.353	788.347	788.241	788.244	---	---	---	12
14	---	---	---	---	788.455	788.353	788.347	788.257	788.438	---	---	---	13
15	---	---	---	---	788.455	788.352	788.347	788.249	788.443	788.841	---	---	14
16	---	---	---	---	788.453	---	788.356	788.243	788.548	788.853	---	---	15
17	---	---	---	---	788.452	788.354	788.259	788.248	---	---	---	---	16
18	---	---	---	---	788.450	788.351	788.345	788.247	788.844	---	---	---	17
19	---	---	---	---	788.451	788.347	788.346	788.247	---	788.841	---	---	18
20	---	---	---	---	788.448	788.348	788.348	788.247	788.844	788.840	---	---	19
21	---	---	---	---	788.448	788.354	788.348	788.248	788.845	788.840	---	---	20
22	---	---	---	---	788.450	788.347	788.348	788.248	---	788.839	---	---	21
23	---	---	---	---	788.448	788.351	788.348	788.248	---	788.839	---	---	22
24	---	---	---	---	788.448	---	788.348	788.248	788.845	---	---	---	23
25	---	---	---	---	788.355	788.354	---	788.247	---	788.839	---	---	24
					788.354	788.342	788.345	---	788.548	788.840	---	---	25
26	---	---	---	---	788.351	788.348	---	---	---	---	---	---	26
27	---	---	---	---	788.348	788.348	788.343	788.244	788.838	788.836	---	---	27
28	---	788.447	---	---	788.348	788.347	788.343	788.244	788.838	788.836	---	---	28
29	---		---	---	788.347	788.350	788.348	788.244	788.845	788.838	---	---	29
30	---		---	788.833	788.352	788.349	788.348	788.244	788.548	788.843	---	---	30
31	---		---		788.350		788.348	788.245		788.841		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 788.838 ON SEP 27

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 38 54 N
LONG 118 18 33 W

NATURAL FLOW

DRAINAGE AREA,
1 210 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

CHRISTINA RIVER NEAR CHARD - STATION NO. 07CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.008	3.558	100	35.8E	30.9 E	7.80	3.91	5.55	---	---	1
2	---	---	3.008	3.858	104	35.4E	29.4 E	7.46	3.84	5.57	---	---	2
3	---	---	3.008	4.358	107	35.0E	27.7 E	7.12	3.90	5.76	---	---	3
4	---	---	3.008	4.648	127	34.0E	26.4 E	6.74	4.01	5.70	---	---	4
5	---	---	3.008	5.008	142 E	34.0E	25.0 E	6.58	4.37	5.71	---	---	5
6	---	---	3.008	4.808	154 E	32.5E	24.5 E	6.57	4.47	5.79	---	---	6
7	---	---	3.008	4.538	164 E	31.5E	23.1 E	6.45	4.57	5.78	---	---	7
8	---	---	3.008	4.448	172 E	30.0E	22.1 E	6.43	4.58	5.74	---	---	8
9	---	---	3.008	4.428	177 E	29.9E	21.5 E	6.17	4.66	5.738	---	---	9
10	---	---	3.008	4.708	170 E	29.0E	20.6 E	5.67	4.65	5.708	---	---	10
11	---	---	3.008	5.108	161 E	28.0A	19.3 E	5.69	4.61	5.64	---	---	11
12	---	---	3.008	5.908	150 E	27.1B	18.9 E	5.62	4.52	5.68	---	---	12
13	---	---	3.018	6.908	138 E	26.2E	17.9 E	5.40	4.49	6.01	---	---	13
14	---	---	3.048	8.008	133 E	25.4E	16.9 A	5.19	4.48	5.92	---	---	14
15	---	---	3.088	8.408	109 E	24.9E	14.3	5.06	4.45	5.958	---	---	15
16	---	---	3.148	13.0 B	98.0E	23.9E	13.8	4.91	4.56	5.938	---	---	16
17	---	---	3.208	15.0 B	86.0E	22.9E	12.6	4.88	4.79	5.91	---	---	17
18	---	---	3.308	16.0 B	73.0E	22.8E	12.1	4.90	4.72	6.21	---	---	18
19	---	---	3.438	21.2 B	67.0E	22.9E	11.2	4.84	4.88	6.94	---	---	19
20	---	---	3.588	24.5 B	62.0E	22.4E	10.3	4.75	4.83	6.28	---	---	20
21	---	---	3.648	32.2 B	58.0E	22.0E	10.1	4.56	5.00	6.46	---	---	21
22	---	---	3.708	36.6 B	54.5E	21.5E	9.86	4.80	5.07	6.66	---	---	22
23	---	---	3.808	33.2 B	51.5E	21.7E	8.82	4.50	5.07	6.82	---	---	23
24	---	---	3.548	28.4 B	48.7E	23.0E	8.27	4.46	5.14	6.78	---	---	24
25	---	---	3.508	31.0 B	44.5	24.9E	7.74	4.41	5.20	6.90	---	---	25
26	---	---	3.468	35.0 E	41.7E	25.9E	7.89	4.33	5.42	6.69	---	---	26
27	---	---	3.438	46.6 A	39.0E	26.6E	8.20	4.18	5.46	6.80	---	---	27
28	---	---	3.418	86.2	37.0E	31.2E	8.41	4.06	5.43	6.728	---	---	28
29	---		3.408	86.9	36.0E	31.6E	8.53	4.05	5.44	6.658	---	---	29
30	---		3.408	97.5	35.0E	31.6E	8.41	3.96	5.48	6.658	---	---	30
31	---		3.428		35.0E		8.13	3.95		6.598		---	31
TOTAL	---	---	100.26	636.58	2 882.3	834.9	493.98	185.57	142.27	180.85	---	---	TOTAL
MEAN	---	---	3.23	20.9	93.0	27.8	15.9	5.34	4.74	5.18	---	---	MEAN
MAX	---	---	3.70	97.5	177	35.8	30.9	7.80	5.48	6.90	---	---	MAX
MIN	---	---	3.00	3.55	35.0	21.5	7.74	3.95	3.84	5.55	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.5
MAXIMUM DAILY, 1770 ON MAY 5
MINIMUM DAILY, 3.008 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 50 20 N
LONG 110 52 00 W
DRAINAGE AREA, 4 580 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	42 600
FEB	---	AUG	14 300
MAR	8 850	SEP	12 300
APR	54 100	OCT	18 600
MAY	256 000	NOV	---
JUN	73 100	DEC	---

TOTAL DISCHARGE, 477 000 dam³

CHRISTMAS CREEK NEAR BLUE RIDGE - STATION NO. 07AH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0308	0.2428	1.27	1.14	3.75	0.341	0.127	1.08	0.8578	---	1
2	---	---	0.0328	0.2708	1.38	1.33	3.34	0.261	0.117	1.04	0.4888	---	2
3	---	---	0.0348	0.3028	1.46	1.12	2.61	0.242	0.110	1.07	0.4958	---	3
4	---	---	0.0368	0.2528	1.95	0.945	1.99	0.194	0.135	1.05	0.4778	---	4
5	---	---	0.0398	0.2178	2.53	0.815	1.61	0.182	0.154	1.03	0.5518	---	5
6	---	---	0.0388	0.3308	2.39	0.826	1.25	0.148	0.151	0.882	0.3588	---	6
7	---	---	0.0368	0.4118	2.03	0.836	0.945	0.134	0.152	0.872	---	---	7
8	---	---	0.0348	0.5288	1.84	0.872	0.862	0.139	0.158	0.698	---	---	8
9	---	---	0.0388	0.6788	1.88	0.845	0.800	0.125	0.170	0.675	---	---	9
10	---	---	0.0408	0.7788	1.87	0.818	0.802	0.135	0.180	0.638	---	---	10
11	---	---	0.0418	0.8748	1.84	0.822	0.367	0.154	0.184	0.631	---	---	11
12	---	---	0.0418	0.8508	1.57	0.487	0.330	0.157	0.226	0.635	---	---	12
13	---	---	0.0408	1.27 B	1.56	0.421	0.314	0.169	1.44	0.614	---	---	13
14	---	---	0.0408	1.56 B	1.40	0.432	0.340	0.154	4.34	0.644	---	---	14
15	---	---	0.0508	1.88 B	1.28	0.446	0.328	0.280	3.81	0.652	---	---	15
16	---	---	0.0678	2.32 B	1.23	0.414	0.283	0.537	3.43	1.11	---	---	16
17	---	---	0.1138	3.20 B	1.21	0.421	0.288	0.728	2.84	1.21	---	---	17
18	---	---	0.1318	2.85 B	1.00	0.408	0.380	0.648	2.34	1.23	---	---	18
19	---	---	0.1268	2.09 B	0.939	0.360	0.383	0.423	2.01	1.27	---	---	19
20	---	---	0.1218	1.60 B	0.902	0.287	0.314	0.374	1.78	1.18	---	---	20
21	---	---	0.1238	1.36 B	0.872	0.284	0.265	0.388	1.65	1.13	---	---	21
22	---	---	0.1408	1.30 B	0.852	0.228	0.247	0.853	1.54	1.08	---	---	22
23	---	---	0.1508	1.14 B	0.788	0.288	0.203	0.577	1.47	1.03	---	---	23
24	---	---	0.1508	1.35 B	1.07	3.37	0.185	0.323	1.48	1.01	---	---	24
25	---	---	0.2008	1.25 B	1.16	18.5	0.194	0.226	1.43	0.971	---	---	25
26	---	---	0.2508	1.25	1.08	22.4	0.282	0.181	1.36	0.7828	---	---	26
27	---	---	0.2268	1.27	1.02	11.0	0.282	0.164	1.36	0.7378	---	---	27
28	---	---	0.2098	1.30	0.963	7.23	0.343	0.148	1.31	0.6388	---	---	28
29	---	---	0.2028	1.35	1.02	5.32	0.304	0.145	1.22	0.6388	---	---	29
30	---	---	0.2148	1.30	0.874	4.62	0.311	0.126	1.18	0.7388	---	---	30
31	---	---	0.2388		0.844		0.421	0.128		0.8958		---	31
TOTAL	---	---	3.363	34.418	41.851	85.734	23.593	6.467	37.585	28.173	---	---	TOTAL
MEAN	---	---	0.108	1.15	1.34	2.86	0.761	0.273	1.27	0.909	---	---	MEAN
MAX	---	---	0.250	3.85	2.53	22.4	3.75	0.728	4.34	1.27	---	---	MAX
MIN	---	---	0.030	0.217	0.788	0.226	0.184	0.126	0.110	0.614	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.07
MAXIMUM DAILY, 22.4 ON JUN 26
MINIMUM DAILY, 0.0308 ON MAR 1
MAXIMUM INSTANTANEOUS,
27.5 AT 04:55 MST ON JUN 26

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 40 N
LONG 115 19 55 W
DRAINAGE AREA, 624 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 040
FEB	---	AUG	732
MAR	261	SEP	3 260
APR	2 870	OCT	2 430
MAY	3 600	NOV	---
JUN	7 410	DEC	---

TOTAL DISCHARGE, 22 700 dam³

CLEAR BROOK NEAR STAVELY - STATION NO. 05AC033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0.1710	0	0	0	0	0	0	0	---	---	1
2	---	0	0.1488	0	0	0	0	0	0	0	---	---	2
3	---	0	0.0429	0	0	0	0	0	0	0	---	---	3
4	---	0	0.0288	0	0	0	0	0	0	0	---	---	4
5	---	0	0.0288	0	0	0	0	0	0	0	---	---	5
6	---	0	0.0180	0	0	0	0	0	0	0	---	---	6
7	---	0	0.0088	0	0	0	0	0	0	0	---	---	7
8	---	0	0.0088	0	0	0	0	0	0	0	---	---	8
9	---	0	0.0088	0	0	0	0	0	0	0	---	---	9
10	---	0	0.0139	0	0	0	0	0	0	0	---	---	10
11	---	0	0.0288	0	0	0	0	0	0	0	---	---	11
12	---	0	0.0488	0	0	0	0	0	0	0	---	---	12
13	---	0	0.0558	0	0	0	0	0	0	0	---	---	13
14	---	0	0.0458	0	0	0	0	0	0	0	---	---	14
15	---	0	0.088	0	0	0	0	0	0	0	---	---	15
16	---	0	0.037	0	0	0	0	0	0	0	---	---	16
17	---	0	0.028	0	0	0	0	0	0	0	---	---	17
18	---	0	0.014	0	0	0	0	0	0	0	---	---	18
19	---	0	0.006	0	0	0	0	0	0	0	---	---	19
20	---	0	0	0	0	0	0	0	0	0	---	---	20
21	---	0	0	0	0	0	0	0	0	0	---	---	21
22	---	0	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0.043	0	0	0	0	0	0	0	0	---	---	27
28	---	0.181	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	e		0		0		0	0		0	---	---	31
TOTAL	---	0.224	0.777	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.008	0.025	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.181	0.171	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.181 ON FEB 28
MINIMUM DAILY, 0 ON FEB 1
MAXIMUM INSTANTANEOUS,
0.3288 AT 09 24 MST ON MAR 2

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 35 N
LONG 113 27 29 W
DRAINAGE AREA, 183 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	19.4	AUG	0
MAR	67.1	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 86.5 dam³

CLEAR RIVER NEAR BEAR CANYON - STATION NO. 07FD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0018	9.13	3.72	3.22	0.693	0.133	4.07	---	---	1
2	---	---	0 B	0.4008	11.1	3.33	2.73	0.497	0.134	3.72	---	---	2
3	---	---	0 B	1.20 B	10.3	3.09	2.61	0.431	0.131	3.26	---	---	3
4	---	---	0 B	5.60 B	28.7	3.46	2.07	0.383	0.132	2.96	---	---	4
5	---	---	0 B	5.20 B	24.8	3.13	1.81	0.347	0.138	2.81	---	---	5
6	---	---	0 B	5.00 B	21.6	1.85	1.18	0.308	0.127	2.84	---	---	6
7	---	---	0 B	5.60 B	19.6	1.84	0.901	0.288	0.134	2.64	---	---	7
8	---	---	0 B	6.00 B	18.6	1.49	0.781	0.261	0.138	2.33	---	---	8
9	---	---	0 B	6.12 B	18.6	1.47	0.697	0.238	0.138	2.15	---	---	9
10	---	---	0 B	13.6 B	18.4	1.34	0.704	0.211	0.143	2.09	---	---	10
11	---	---	0 B	19.5 B	18.8	1.25	0.692	0.189	0.153	3.33	---	---	11
12	---	---	0 B	17.7 B	13.3	1.17	0.656	0.188	0.169	3.13	---	---	12
13	---	---	0 B	27.6 B	11.6	1.03	0.606	0.150	0.315	3.19	---	---	13
14	---	---	0 B	28.6 B	10.6	0.858	0.690	0.141	0.525	3.18	---	---	14
15	---	---	0 B	26.1 B	9.93	0.908	0.693	0.138	2.84	3.14	---	---	15
16	---	---	0.0018	23.5	8.82	0.961	0.613	0.113	3.61	2.85	---	---	16
17	---	---	0.0018	22.8	7.75	1.58	0.537	0.101	3.09	3.43	---	---	17
18	---	---	0.0108	19.9	7.76	2.96	0.763	0.088	6.30	3.34	---	---	18
19	---	---	0.0158	15.4	8.72	3.24	0.961	0.077	4.53	3.34	---	---	19
20	---	---	0.0209	12.8	8.64	1.76	0.831	0.070	3.73	3.12	---	---	20
21	---	---	0.0208	10.6	8.32	1.68	1.08	0.068	3.62	3.15	---	---	21
22	---	---	0.0158	8.75	8.87	1.43	0.906	0.085	6.31	3.43	---	---	22
23	---	---	0.0158	8.58	6.49	2.97	0.778	0.072	4.75	4.34	---	---	23
24	---	---	0.0139	8.63	3.94	3.08	0.887	0.078	3.64	3.87	---	---	24
25	---	---	0.0108	9.06	3.83	3.09	0.976	0.082	3.29	3.31	---	---	25
26	---	---	0.0108	9.36	3.30	7.81	0.841	0.086	5.85	3.36	---	---	26
27	---	---	0.0108	10.4	3.13	9.35	0.688	0.090	5.60	1.930	---	---	27
28	---	08	0.0108	9.80	3.21	5.16	0.702	0.078	5.38	1.440	---	---	28
29	---		0.0108	8.85	3.36	4.45	1.53	0.069	5.35	1.400	---	---	29
30	---		0.0108	9.05	3.85	3.77	1.15	0.083	4.83	1.350	---	---	30
31	---		0.0108		3.85		0.776	0.114		1.309			31
TOTAL	---	---	0.183	384.861	221.80	88.788	32.863	5.823	83.834	83.81	---	---	TOTAL
MEAN	---	---	0.006	12.8	10.4	3.88	1.06	0.181	2.78	3.89	---	---	MEAN
MAX	---	---	0.028	28.6	28.7	9.08	3.22	0.693	6.75	6.43	---	---	MAX
MIN	---	---	0	0.881	3.12	0.888	0.488	0.088	0.121	1.30	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.87
MAXIMUM DAILY, 28.68 ON APR 14
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
30.09 AT 20:30 MST ON APR 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 10 20 N
LONG 119 40 50 W
DRAINAGE AREA, 2 880 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 810
FEB	---	AUG	488
MAR	18.7	SEP	7 210
APR	31 000	OCT	7 320
MAY	27 800	NOV	---
JUN	7 800	DEC	---

TOTAL DISCHARGE, 84 000 dam³

CLEARWATER RIVER ABOVE CHRISTINA RIVER - STATION NO. 07CD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	43.00	40.00	39.00	43.00	182	104	86.5	91.0	89.3	71.3	76.00	45.00	1
2	42.70	39.00	39.00	43.00	193	104	84.7	90.0	89.2	71.3	73.00	45.00	2
3	42.50	39.00	39.00	44.00	190	103	82.3	89.4	88.2	71.2	71.00	44.00	3
4	42.30	39.00	39.00	45.30	190	101	81.2	88.0	87.7	70.2	70.00	44.00	4
5	42.10	39.00	39.00	46.00	222	98.6	79.8	88.1	88.0	70.0	72.00	43.00	5
6	42.00	39.00	39.00	47.00	247	97.4	77.8	87.3	88.4	70.1	70.00	43.00	6
7	42.00	39.00	39.00	49.00	240	96.9	76.4	86.6	88.4	70.3	67.00	42.00	7
8	42.00	39.70	39.00	50.00	235	93.6	75.3	85.6	88.3	70.7	66.00	42.00	8
9	42.00	39.70	39.00	52.00	226	92.1	73.2	85.5	88.3	71.0	65.00	42.00	9
10	42.00	39.50	39.00	54.00	216	90.9	71.9	85.1	88.4	71.2	64.00	42.00	10
11	41.90	39.30	37.80	56.00	208	88.6	70.5	84.8	88.4	71.3	62.00	42.00	11
12	41.90	39.10	37.80	59.00	200	88.5	86.0	84.0	88.3	71.3	61.00	41.80	12
13	41.80	39.00	37.80	62.00	192	87.9	87.1	83.4	88.3	71.5	60.00	41.80	13
14	41.80	39.00	37.80	65.00	185	86.1	84.1	84.4	87.4	72.4	59.00	41.80	14
15	41.80	39.00	37.80	70.00	178	84.1	85.8	85.1	86.7	70.7	58.00	41.80	15
16	41.80	38.90	37.70	75.00	172	83.2	85.3	85.0	86.8	77.3	57.00	41.50	16
17	41.80	38.90	37.70	81.00	165	83.0	84.0	85.0	86.8	78.7	56.00	41.50	17
18	41.60	38.80	37.70	90.00	159	83.3	83.2	84.6	86.8	78.7	55.00	41.50	18
19	41.60	38.70	37.70	99.1	153	83.1	82.6	84.2	86.8	80.1	54.00	41.50	19
20	41.00	38.70	37.70	111	147	82.1	81.6	86.7	87.5	80.3	53.50	41.50	20
21	41.00	38.60	37.70	107	140	82.8	80.4	81.8	87.8	80.6	52.50	42.50	21
22	40.80	38.60	37.70	96.4	134	83.8	80.2	81.8	87.8	80.5	51.50	42.50	22
23	40.60	38.60	38.00	86.0	128	83.0	80.8	82.1	88.1	80.5	50.50	42.00	23
24	40.60	38.40	38.00	102	124	81.6	80.8	82.8	88.4	80.8	50.00	41.80	24
25	40.40	38.30	38.00	111	119	85.3	80.3	82.1	88.4	83.1	49.50	41.80	25
26	40.20	38.30	38.00	118	115	80.7	80.4	83.5	88.6	83.0	48.00	41.80	26
27	40.20	38.20	40.00	151	112	82.2	81.0	84.3	70.8	83.9	48.00	41.80	27
28	40.00	38.10	40.50	180	110	82.4	81.9	85.6	71.3	83.6	47.50	41.80	28
29	40.00		41.00	189	107	81.0	83.8	86.6	71.3	79.3	46.50	41.80	29
30	40.00		41.50	191	104	80.9	83.8	87.0	71.3	78.5	46.00	41.80	30
31	40.00		42.00		104		82.8	88.1		74.50		41.80	31
TOTAL	1 282.6	1 094.2	1 193.1	3 589.8	6 212	2 782.3	2 116.4	1 821.3	3 059.6	3 383.1	1 780.5	1 312.9	TOTAL
MEAN	41.4	39.1	38.5	86.3	188	89.1	88.3	89.1	88.5	78.9	58.7	42.4	MEAN
MAX	43.0	40.0	42.0	191	247	104	86.5	86.1	71.3	83.6	74.0	45.0	MAX
MIN	40.0	38.1	37.7	43.0	104	81.6	89.6	93.4	86.7	70.0	46.0	41.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 89.8
MAXIMUM DAILY, 247 ON MAY 6
MINIMUM DAILY, 37.70 ON MAR 16
MAXIMUM INSTANTANEOUS,
248 AT 03:12 MST ON MAY 8

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 30 40 N
LONG 110 55 40 W
DRAINAGE AREA, 17 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	111 000	JUL	183 000
FEB	94 500	AUG	158 000
MAR	103 000	SEP	178 000
APR	334 000	OCT	283 000
MAY	450 000	NOV	152 000
JUN	233 000	DEC	113 000

TOTAL DISCHARGE, 3 200 000 dam³

CLEARWATER RIVER ABOVE LIMESTONE CREEK - STATION NO. 05DB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	5.71	15.7	33.3	14.4	15.9	15.1	---	---	1
2	---	---	---	---	6.56	15.8	35.3	14.3	14.3	15.9	---	---	2
3	---	---	---	---	6.80	14.7	36.8	15.1	14.0	14.8	---	---	3
4	---	---	---	---	6.95	14.5	28.7	15.9	14.2	14.0	---	---	4
5	---	---	---	---	8.38	15.5	26.0	16.2	14.9	13.8	---	---	5
6	---	---	---	---	5.78	15.4	27.6	14.4	14.1	13.9	---	---	6
7	---	---	---	---	5.70	14.1	25.1	13.0	16.0	13.9	---	---	7
8	---	---	---	---	5.66	15.3	23.0	14.5	14.5	12.9	---	---	8
9	---	---	---	---	5.73	16.0	23.2	13.2	14.3	12.3	---	---	9
10	---	---	---	---	5.68	15.6	23.5	11.9	15.3	12.6	---	---	10
11	---	---	---	---	5.63	12.3	24.1	10.8	15.8	12.6	---	---	11
12	---	---	---	---	5.33	11.9	23.6	13.1	26.1	12.3	---	---	12
13	---	---	---	---	5.19	14.2	21.5	15.1	73.4	11.6	---	---	13
14	---	---	---	---	5.31	15.0	17.8	13.2	87.2	11.7	---	---	14
15	---	---	---	---	5.48	15.9	15.0	17.3	45.8	12.0	---	---	15
16	---	---	---	---	5.72	16.4	15.5	20.5	36.7	12.0	---	---	16
17	---	---	---	---	6.60	12.8	15.7	19.0	34.3	11.8	---	---	17
18	---	---	---	---	7.19	12.5	15.4	18.2	30.5	11.5	---	---	18
19	---	---	---	---	8.86	14.5	13.8	18.2	28.4	11.4	---	---	19
20	---	---	---	---	14.2	20.9	13.7	20.1	26.3	11.4	---	---	20
21	---	---	---	---	15.1	21.7	14.8	25.7	24.7	11.3	---	---	21
22	---	---	---	---	15.8	19.0	16.5	26.6	23.5	11.3	---	---	22
23	---	---	---	---	17.2	17.0	18.4	24.7	22.1	11.1	---	---	23
24	---	---	---	---	18.6	16.2	18.6	24.5	21.3	10.9	---	---	24
25	---	---	---	3.95A	26.7	16.9	16.5	23.5	20.6	10.9	---	---	25
26	---	---	---	3.78	24.7	14.0	14.8	22.0	20.1	10.8	---	---	26
27	---	---	---	3.65	17.3	13.6	13.8	19.8	19.7	10.8	---	---	27
28	---	---	---	4.32	14.0	16.6	13.4	18.1	17.8	11.1A	---	---	28
29	---		---	5.31	15.5	22.1	13.0	17.3	17.0	11.0E	---	---	29
30	---		---	5.81	15.9	20.3	13.0	16.8	16.4	10.8E	---	---	30
31	---		---		16.2		14.1	16.8		10.8E	---	---	31
TOTAL	---	---	---	---	328.85	481.9	610.4	646.5	733.4	378.9	---	---	TOTAL
MEAN	---	---	---	---	10.6	16.1	19.7	17.8	24.4	12.2	---	---	MEAN
MAX	---	---	---	---	26.7	29.3	33.3	26.6	73.4	15.1	---	---	MAX
MIN	---	---	---	---	5.19	11.9	13.0	10.8	14.0	10.8	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.7
MAXIMUM DAILY, 73.4 ON SEP 13
MINIMUM DAILY, 5.19 ON MAY 13
MAXIMUM INSTANTANEOUS,
83.7 AT 08:10 MST ON SEP 13

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 59 30 N
LONG 115 25 00 W
DRAINAGE AREA, 1 340 km²

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	82 700
FEB	---	AUG	67 300
MAR	---	SEP	83 400
APR	---	OCT	33 700
MAY	28 400	NOV	---
JUN	61 000	DEC	---

TOTAL DISCHARGE, 356 000 dam³

CLEARWATER RIVER AT DRAPER - STATION NO. 07CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	53.58	51.88	51.48	54.08	382	222	178	98.6	79.6	78.3	97.6	53.08	1
2	53.48	51.78	51.38	54.48	371	222	172	96.6	77.8	77.9	89.3	52.88	2
3	53.38	51.78	51.38	55.58	376	220	165	94.0	78.6	78.1	82.5	52.08	3
4	53.28	51.78	51.38	56.58	380	215	160	92.9	78.2	77.8	86.0	51.08	4
5	53.18	51.78	51.38	57.58	405	212	155	90.6	77.0	78.9	84.58	50.58	5
6	53.08	51.78	51.38	60.08	535	206	149	89.3	76.6	82.1	82.58	50.08	6
7	52.98	51.78	51.38	62.08	558	203	146	88.4	76.7	81.8	80.08	49.88	7
8	52.88	51.68	51.38	63.58	545	196	141	86.2	76.0	81.7	78.08	49.58	8
9	52.68	51.68	51.28	64.48	539	193	136	85.7	75.8	82.0	77.08	49.38	9
10	52.58	51.68	51.38	69.58	536	189	133	84.3	75.1	81.7	75.58	49.08	10
11	52.48	51.68	51.38	73.08	541	185	129	84.3	74.9	81.1	74.08	48.88	11
12	52.38	51.68	51.38	76.58	547	182	126	83.8	74.7	81.7	72.08	48.68	12
13	52.28	51.68	51.38	80.38	542	177	121	81.1	74.4	82.5	70.58	48.08	13
14	52.18	51.68	51.48	85.08	528	173	117	80.8	74.4	84.8	69.58	48.88	14
15	52.08	51.68	51.48	89.58	510	168	116	80.8	73.4	87.4	68.08	48.58	15
16	52.08	51.58	51.58	96.08	487	165	113	80.3	73.6	88.4	67.08	48.08	16
17	52.08	51.58	51.58	101 E	484	162	110	80.0	74.7	91.2	65.58	48.08	17
18	52.08	51.58	51.58	106 E	434	158	107	78.6	73.9	91.7	64.58	48.08	18
19	51.98	51.58	51.58	111 E	403	155	105	78.0	75.2	91.9	63.58	44.08	19
20	51.98	51.58	51.78	103 E	377	155	102	74.8	76.5	92.0	62.08	48.08	20
21	51.98	51.58	51.48	150 E	354	155	101	73.3	77.3	92.6	61.08	48.08	21
22	51.98	51.58	51.88	145	333	155	101	72.3	77.0	92.8	60.08	47.58	22
23	51.98	51.48	51.98	157	313	153	98.8	72.7	76.3	93.4	59.58	47.58	23
24	51.98	51.48	52.08	184	296	152	97.8	73.2	76.0	94.4	58.08	47.58	24
25	51.98	51.48	52.18	193	280	150	97.4	73.7	76.3	96.7	57.08	47.58	25
26	51.88	51.48	52.48	214	265	178	96.0	74.4	78.8	96.0	56.58	47.58	26
27	51.88	51.48	52.58	249	253	185	99.3	74.0	79.2	97.5	56.08	47.58	27
28	51.88	51.48	53.08	287	241	189	99.4	76.1	79.4	96.0	55.08	47.58	28
29	51.88		53.38	327	230	184	101	76.4	78.9	93.1	54.58	47.58	29
30	51.88		53.98	350	223	184	101	76.7	78.7	89.8	53.58	47.58	30
31	51.88		53.98		220		100	78.1		87.4		48.08	31
TOTAL	1 621.4	1 443.8	1 805.8	3 796.8	12 526	5 460	3 774.7	2 538.6	2 286.0	2 707.8	2 081.4	1 515.4	TOTAL
MEAN	52.3	51.6	51.8	127	404	182	122	81.8	76.5	87.3	68.4	48.9	MEAN
MAX	53.5	51.8	53.9	350	569	222	178	98.6	79.6	98.0	97.6	53.0	MAX
MIN	51.8	51.4	51.2	54.0	220	152	97.6	73.3	73.4	77.6	53.5	47.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 113
MAXIMUM DAILY, 569 ON MAY 7
MINIMUM DAILY, 47.58 ON DEC 22
MAXIMUM INSTANTANEOUS,
583 AT 13:45 MST ON MAY 7

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 41 07 N
LONG 111 15 15 W
DRAINAGE AREA, 30 600 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	140 000	JUL	326 000
FEB	125 000	AUG	218 000
MAR	139 000	SEP	198 000
APR	326 000	OCT	234 000
MAY	1 080 000	NOV	180 000
JUN	472 000	DEC	131 000

TOTAL DISCHARGE, 3 570 000 dam³

CLEARWATER RIVER NEAR DOVERCOURT - STATION NO 05DB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.318	2.988	4.048	7.87	9.00E	30.2	25.8	15.1	18.5	21.8E	13.2	5.438	1
2	4.358	2.938	3.808	8.80	9.40E	18.0	27.9	15.2	18.0	20.8E	13.1	6.858	2
3	4.408	2.908	3.608	10.2 B	8.80E	16.0	25.0	15.7	18.2	19.8E	12.9	8.138	3
4	4.448	3.068	3.318	10.1 B	10.4 E	17.0	23.7	15.9	18.5	18.8E	12.9	8.318	4
5	4.488	3.158	3.318	9.208	10.8 E	18.8	23.8	16.6	18.5	17.9E	12.7	8.478	5
6	4.518	3.148	3.908	8.458	11.2 A	17.3	23.8	18.5	21.3	17.8E	12.3	8.638	6
7	4.558	3.098	3.808	7.808	10.1	16.8	24.0	19.7	22.8	17.2E	12.1	8.808	7
8	4.588	3.028	4.108	7.308	9.40	16.3	21.9	18.0	21.0	16.8E	11.8	8.958	8
9	4.608	2.788	4.188	7.728	9.21	17.8	20.5	18.0	20.0	16.0E	10.7	7.088	9
10	4.868	2.778	4.188	8.378	9.68	18.2	20.6	17.3	19.6	16.3E	9.808	7.208	10
11	4.598	2.938	4.218	8.858	9.82	18.8	20.9	16.3	18.8	16.8E	9.338	7.338	11
12	4.618	3.138	4.258	9.38	8.34	18.6	21.7	17.3	20.3	15.8E	9.008	7.478	12
13	4.448	3.408	4.358	10.3	7.88	18.3	21.8	16.0	84.8	15.3E	9.108	7.628	13
14	4.438	3.578	4.508	11.8	7.60	18.8	20.2	16.8	84.2	14.8E	8.208	7.758	14
15	4.428	3.588	4.888	11.6	7.60	17.1	18.1	16.3	73.7	15.0E	8.308	7.888	15
16	4.428	3.488	5.108	10.4	7.40	18.9	17.4	32.7	88.3	14.8E	8.108	8.018	16
17	4.418	3.458	5.908	9.88	7.32	15.9	16.4	33.2	48.4	14.7E	8.008	8.138	17
18	4.388	3.538	6.858	9.10	7.80	14.8	17.8	31.8	42.8	14.4E	7.008	8.208	18
19	3.628	3.598	7.208	8.80	8.15	14.0	19.8	31.0	40.7	14.1E	6.838	8.288	19
20	3.868	3.888	7.188	8.83	12.8	18.0	18.9	33.0	37.8	13.8E	6.738	8.338	20
21	3.638	3.888	8.208	8.27	15.7	20.3	15.2	34.8	35.3	13.7E	6.858	8.388	21
22	3.718	3.878	9.858	7.61A	16.8	22.2	15.4	38.8	33.0E	13.8E	6.458	8.408	22
23	3.848	4.048	8.468	7.40E	17.8	20.7	17.2	36.9	31.0E	13.8E	6.408	8.408	23
24	4.038	4.088	8.358	7.80E	18.0	19.8	18.3	36.7	28.8E	13.8E	6.388	8.388	24
25	4.038	4.078	8.158	7.88E	26.0	19.8	18.8	35.8	28.0E	13.4E	6.388	8.288	25
26	3.988	4.088	8.078	7.80E	29.2	18.3	17.1	25.8	27.8E	13.4E	6.408	8.068	26
27	3.788	4.108	8.058	8.00E	27.2	17.4	15.8	23.4	27.0E	13.4E	6.448	7.808	27
28	3.608	4.148	8.108	7.90E	22.8	16.6	16.3	21.5	26.8E	13.6E	6.488	7.858	28
29	3.308		8.208	8.20E	20.7	16.1	16.8	20.4	26.3E	13.7E	6.558	7.278	29
30	3.148		8.858	8.80E	20.0	20.8	18.3	19.8	33.0E	13.6A	6.708	6.888	30
31	3.048		8.208		20.3		14.8	19.8		13.6		6.688	31
TOTAL	127.88	88.33	181.84	284.47	416.21	531.0	606.2	639.3	884.8	481.0	258.02	230.48	TOTAL
MEAN	4.12	3.04	4.88	8.82	13.4	17.7	19.8	20.3	33.2	15.8	8.80	7.43	MEAN
MAX	4.84	4.14	7.20	11.8	29.2	22.2	27.9	29.9	84.2	21.8	13.2	8.48	MAX
MIN	3.04	2.78	3.31	7.28	7.32	14.8	14.8	15.1	18.2	13.4	6.38	6.83	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.1
MAXIMUM DAILY, 84.2 ON SEP 14
MINIMUM DAILY, 2.788 ON FEB 6
MAXIMUM INSTANTANEOUS,
88.2 AT 07:37 MST ON SEP 14

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 19 09 N
LONG 114 51 14 W
DRAINAGE AREA, 2 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 000	JUL	52 400
FEB	8 330	AUG	84 400
MAR	13 100	SEP	85 000
APR	32 000	OCT	41 000
MAY	36 000	NOV	22 300
JUN	45 000	DEC	18 000

TOTAL DISCHARGE, 614 000 dam³

COAL CREEK AT BOW CITY - STATION NO. 05BN014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.005	0.305	0.625	0.319	0.015	0.074	0	---	1
2	---	---	---	---	0.005	0.248	0.521	0.306	0.012	0.050	0.001	---	2
3	---	---	---	---	0.005	0.284	0.546	0.433	0.010	0.085	0.001	---	3
4	---	---	---	---	0.005	0.260	0.482	0.544	0.008	0.213	0.001A	---	4
5	---	---	---	---	0.003	0.271	0.303	0.951	0.004	0.189	---	---	5
6	---	---	---	---	0.001	0.334	0.267	0.573	0.006	0.039	---	---	6
7	---	---	---	---	0	0.326	0.277	0.704	0.011	0.013	---	---	7
8	---	---	---	---	0	0.309	0.272	0.655	0.013	0.006	---	---	8
9	---	---	---	---	0	0.314	0.190	0.655	0.012	0.005	---	---	9
10	---	---	---	---	0	0.302	0.171	0.683	0.011	0.004	---	---	10
11	---	---	---	---	0	0.308	0.161	0.673	0.092	0.003	---	---	11
12	---	---	---	---	0	0.178	0.163	0.682	0.133	0.002	---	---	12
13	---	---	---	---	0	0.334	0.241	0.695	0.055	0.002	---	---	13
14	---	---	---	---	0.069	0.511	0.393	0.683	0.015	0.001	---	---	14
15	---	---	---	---	0.334	0.183	0.451	0.641	0.005	0.003	---	---	15
16	---	---	---	---	0.335	0.270	0.401	0.638	0.003	0.004	---	---	16
17	---	---	---	---	0.327	0.370	0.306	0.617	0.001	0.003	---	---	17
18	---	---	---	---	0.305	0.361	0.441	0.630	0	0.002	---	---	18
19	---	---	---	---	0.156	0.314	0.564	0.708	0	0.001	---	---	19
20	---	---	---	---	0.054	0.328	0.632	0.613	0	0	---	---	20
21	---	---	---	---	0.012	0.363	0.619	0.480	0	0.001	---	---	21
22	---	---	---	---	0.017	0.266	0.644	0.393	0	0	---	---	22
23	---	---	---	0.004A	0.229	0.280	0.631	0.248	0	0	---	---	23
24	---	---	---	0.004	0.218	0.258	0.653	0.154	0	0	---	---	24
25	---	---	---	0.032	0.329	0.302	0.675	0.095	0.036	0	---	---	25
26	---	---	---	0.048	0.306	0.305	0.614	0.155	0.308	0.001	---	---	26
27	---	---	---	0.020	0.366	0.506	0.520	0.298	0.109	0.001	---	---	27
28	---	---	---	0.011	0.360	0.506	0.495	0.091	0.084	0.001	---	---	28
29	---		---	0.005	0.323	0.656	0.444	0.009	0.084	0	---	---	29
30	---		---	0.008	0.313	0.537	0.333	0.005	0.084	0.001	---	---	30
31	---		---		0.326		0.298	0.015		0	---	---	31
TOTAL	---	---	---	---	3.784	10.137	13.175	13.793	1.034	0.704	---	---	TOTAL
MEAN	---	---	---	---	0.122	0.338	0.425	0.445	0.034	0.023	---	---	MEAN
MAX	---	---	---	---	0.366	0.666	0.675	0.708	0.308	0.213	---	---	MAX
MIN	---	---	---	---	0	0.178	0.161	0.009	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.332
MAXIMUM DAILY, 0.708 ON AUG 19
MINIMUM DAILY, 0 ON MAY 7

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 50 N
LONG 113 13 40 W
DRAINAGE AREA, 88.8 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 140
FEB	---	AUG	1 190
MAR	---	SEP	668.5
APR	---	OCT	90.6
MAY	326	NOV	---
JUN	876	DEC	---

TOTAL DISCHARGE, 3 880 dam³

COAL LAKE RESERVOIR NEAR WETASKIWIN - STATION NO. 05AG016

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	702.774	702.775	702.811	703.188	703.161	---	702.778	702.627	702.609	702.548	702.543	702.537	1
2	702.773	702.777	702.814	703.382	703.153	---	702.785	702.626	702.605	702.551	702.550	702.539	2
3	702.774	702.778	702.807	703.376	703.154	---	702.774	702.626	702.607	702.558	702.543	702.539	3
4	702.774	702.778	702.808	703.483	703.171	---	702.768	702.620	702.583	702.545	702.537	702.537	4
5	702.773	702.782	702.810	703.504	703.160	---	702.761	702.613	702.608	702.556	702.532	702.539	5
6	702.771	702.783	702.808	703.526	703.150	---	702.742	702.623	702.593	702.552	702.536	702.541	6
7	702.772	702.783	702.807	703.528	703.136	---	702.735	702.610	702.588	702.549	702.534	702.541	7
8	702.772	702.784	702.808	703.530	703.112	---	702.739	702.651	702.585	702.541	702.536	702.540	8
9	702.772	702.785	702.802	703.500	703.088	---	702.733	702.661	702.577	702.532	702.535	702.540	9
10	702.772	702.785	702.800	703.460A	703.081	---	702.729	702.669	702.567	702.539	702.536	702.538	10
11	702.771	702.788	702.798	703.462A	703.072	---	702.724	702.649	702.571	702.545	702.535	702.535	11
12	702.774	702.788	702.798	703.460A	703.068	---	702.730	702.657	702.576	702.558	702.531	702.543	12
13	702.770	702.787	702.798	703.430	703.060	---	702.735	702.644	702.587	702.544	702.531	702.542	13
14	702.770	702.788	702.795	703.390	703.049	---	702.714	702.640	702.583	702.543	702.532	702.540	14
15	702.771	702.792	702.797	703.368	703.052	---	702.721	702.662	702.582	702.541	702.529	702.544	15
16	702.778	702.794	702.795	703.338	703.048	---	702.703	702.659	702.606	702.551	702.530	702.548	16
17	702.780	702.793	702.804	703.313	703.059	---	702.696	702.664	702.605	702.548	702.532	702.552	17
18	702.781	702.794	702.812	703.280	703.063	---	702.686	702.650	702.587	702.543	702.531	702.558	18
19	702.781	702.797	702.826	703.262	703.063	---	702.702	702.673	702.581	702.544	702.532	702.560	19
20	702.781	702.795	702.873	703.255	703.071	---	702.714	702.677	702.581	702.542	702.533	702.564	20
21	702.781	702.797	702.903	703.248	703.068	---	702.702	702.673	702.604	702.542	702.532	702.563	21
22	702.778	702.800	702.911	703.202	702.988	---	702.709	702.668	702.600	702.547	702.532	702.559	22
23	702.778	702.804	702.934	703.181	703.034	---	702.693	702.649	702.583	702.551	702.532	702.560	23
24	702.778	702.804	702.962	703.177	702.983	703.003A	702.680	702.644	702.606	702.562	702.533	702.561	24
25	702.774	702.810	702.980	703.168	702.927	702.938	702.674	702.658	702.582	702.547	702.534	702.562	25
26	702.772	702.814	703.015	703.164	702.911	702.917	702.686	702.631	702.598	702.537	702.534	702.557	26
27	702.773	702.812	703.037	703.160	702.902	702.908	702.684	702.623	702.588	702.540	702.535	702.554	27
28	702.771	702.811	703.067	703.178	---	702.778	702.683	702.618	702.581	702.586	702.535	702.559	28
29	702.773		703.071	703.184	---	702.781	702.681	702.608	702.566	702.547	702.535	702.557	29
30	702.772		703.080	703.184	---	702.784	702.645	702.617	702.569	702.547	702.536	702.563	30
31	702.774		703.106		---		702.619	702.613		702.548		702.566	31
MEAN	702.774	702.782	702.878	703.325	---	---	702.711	702.642	702.587	702.548	702.535	702.550	MEAN
MAX	702.781	702.814	703.106	703.526	---	---	702.785	702.677	702.608	702.586	702.550	702.568	MAX
MIN	702.770	702.778	702.795	703.164	---	---	702.619	702.609	702.566	702.533	702.529	702.535	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 06 07 N
LONG 113 13 08 W

A - MANUAL GAUGE

REGULATED SINCE 1973

DRAINAGE AREA, 1 240 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

COLD LAKE AT COLD LAKE - STATION NO. 06AF002

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	534.738	534.727	534.747	534.712	534.838	---	535.082	535.040	535.072	---	---	---	1
2	534.741	534.726	534.743	534.710	534.843	---	535.083	535.038	535.071	534.854A	---	534.756A	2
3	534.737	534.726	534.739	534.713	534.850	---	535.084	535.036	535.075	---	---	534.730	3
4	534.736	534.728	534.732	534.712	534.855	---	535.083	535.036	535.091	---	---	534.717	4
5	534.740	534.727	534.731	534.713	534.869	535.069A	535.091	535.040	535.084	---	---	534.713	5
6	534.730	534.726	534.730	534.714	534.880	---	535.094	535.037	535.084	---	---	534.710	6
7	534.731	534.727	534.727	534.713	534.890	---	535.090	535.041	535.080	---	---	534.711	7
8	534.730	534.729	534.729	534.716	534.898	---	535.084	535.100	535.086	---	---	534.708	8
9	534.726	534.724	534.726	534.713	534.907	---	535.082	535.055	535.100	---	---	534.709	9
10	534.728	534.725	534.728	534.715	534.917	---	535.083	535.051	535.095	---	---	534.707	10
11	534.724	534.725	534.727	534.716	534.929	---	535.078	535.048	535.093	---	534.782A	534.707	11
12	534.720	534.729	534.726	534.718	534.930	---	535.073	535.065	---	---	534.780	534.706	12
13	534.724	534.733	534.725	534.716	534.937	---	535.071	535.069	---	---	534.777	534.706	13
14	534.727	534.737	534.727	534.720	534.944	535.103A	535.073	535.062	---	---	534.777A	534.706	14
15	534.727	534.739	534.728	534.722	534.971	535.089	535.071	535.050	---	---	534.776A	534.707	15
16	534.720	534.733	534.713	534.727	534.983	535.098A	535.088	535.052	---	---	534.774A	534.708	16
17	534.736	534.733	534.716	534.731	534.990	---	535.083	535.045	---	---	---	534.709	17
18	534.726	534.733	534.720	534.735	535.005	---	535.088	535.042	---	---	---	534.712	18
19	534.734	534.731	534.717	534.740	535.025	535.107A	535.080	535.041	---	---	534.758A	534.718	19
20	534.734	534.731	534.716	534.772	535.030	---	535.053	535.040	---	---	534.765	534.718	20
21	534.733	534.731	534.722	534.787	535.033	---	535.051	535.061	---	---	534.758A	534.715	21
22	534.732	534.726	534.724	534.781	535.036	---	535.052	535.065	---	---	---	534.717	22
23	534.734	534.725	534.723	534.784	535.040	---	535.047	535.060	---	---	---	534.736	23
24	534.734	534.724	534.724	534.800	535.038	---	535.041	535.049	---	---	---	534.734	24
25	534.732	534.727	534.718	534.803	535.033	535.102A	535.043	535.044	---	---	---	534.727	25
26	534.730	534.726	534.720	534.807	535.026	535.088	535.042	535.021	---	534.625A	---	534.718	26
27	534.731	534.725	534.719	534.814	535.024	535.094	535.038	535.026	---	---	---	534.714	27
28	534.733	534.733	534.716	534.821	535.042	535.096	535.026	535.027	---	---	---	534.713	28
29	534.731		534.720	534.826	535.038	535.097	535.040	535.026	---	534.621A	---	534.713	29
30	534.727		534.717	534.832	535.056	535.095	535.046	535.045	---	534.620A	---	534.716	30
31	534.726		534.719		535.048A		535.038	535.067		534.613A		534.718	31
MEAN	534.731	534.729	534.726	534.760	534.885	---	535.085	535.047	---	---	---	---	MEAN
MAX	534.741	534.737	534.747	534.832	535.056	---	535.094	535.100	---	---	---	---	MAX
MIN	534.720	534.724	534.713	534.710	534.838	---	535.035	535.027	---	---	---	---	MIN

WATER LEVELS IN METRES

MINIMUM DAILY, 534.705 ON DEC 14

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 28 15 N
LONG 110 10 55 W

A - MANUAL GAUGE

DRAINAGE AREA,
6 510 km²

COLQUHOUN CREEK NEAR GRANDE PRAIRIE - STATION NO. 07GE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 E	0.0008	0.037	0.003	0.006	0	0	0	---	---	1
2	---	---	0 E	0.0368	0.037	0.004	0.005	0	0	0	---	---	2
3	---	---	0 E	0.0298	0.034	0.005	0.004	0	0	0	---	---	3
4	---	---	0 E	0.3628	0.036	0.005	0.003	0	0	0	---	---	4
5	---	---	0 E	0.2448	0.027	0.004	0.002	0	0	0	---	---	5
6	---	---	0 E	0.3598	0.022	0.004	0.001	0	0	0	---	---	6
7	---	---	0 E	0.3028	0.035	0.003	0.001	0	0	0	---	---	7
8	---	---	0 E	0.4318	0.028	0.003	0.001	0	0	0	---	---	8
9	---	---	0 E	0.6618	0.043	0.004	0.001	0	0	0	---	---	9
10	---	---	0 E	0.7338	0.029	0.003	0	0	0	0	---	---	10
11	---	---	0 E	0.484	0.023	0.003	0	0	0	0.002	---	---	11
12	---	---	0.0018	0.377	0.022	0.001	0	0	0	0.007	---	---	12
13	---	---	0.0208	0.348	0.023	0	0	0	0	0.011	---	---	13
14	---	---	0.2508	0.276	0.018	0	0	0	0.001	0.013	---	---	14
15	---	---	0.4008	0.180	0.014	0	0	0	0.004	0.014	---	---	15
16	---	---	0.8008	0.139	0.016	0	0	0.001	0.004	0.016	---	---	16
17	---	---	1.05 E	0.121	0.010	0	0	0.002	0.004	0.013	---	---	17
18	---	---	3.15 E	0.102	0.008	0	0	0.004	0.004	0.013	---	---	18
19	---	---	3.25 E	0.102	0.008	0	0	0.006	0.003	0.012	---	---	19
20	---	---	1.85 E	0.087	0.006	0	0	0.003	0.005	0.012	---	---	20
21	---	---	1.85 E	0.079	0.005	0	0	0.002	0.010	0.010	---	---	21
22	---	---	1.03 E	0.082	0.001	0	0	0.001	0.007	0.008	---	---	22
23	---	---	0.5328	0.058	0.001	0	0	0.001	0.004	0.007	---	---	23
24	---	---	0.3348	0.054	0.001	0	0	0.002	0.001	0.006	---	---	24
25	---	---	0.2808	0.058	0.001	0	0	0.001	0.001	0.003	---	---	25
26	---	---	0.2498	0.053	0.001	0	0	0	0.002	0.0018	---	---	26
27	---	0E	0.2138	0.048	0.001	0	0	0.001	0	0.0018	---	---	27
28	---	0E	0.1958	0.042	0.001	0	0	0	0	0.0018	---	---	28
29	---		0.1708	0.038	0.001	0	0	0	0	0.0018	---	---	29
30	---		0.1708	0.038	0.001	0.007	0	0	0	0.0018	---	---	30
31	---		0.3508		0.001	0.007	0	0	0	0.0028	---	---	31
					0.002		0	0		0.0018			
TOTAL	---	---	14.798	8.811	0.483	0.057	0.034	0.033	0.053	0.183	---	---	TOTAL
MEAN	---	---	0.478	0.287	0.016	0.002	0.001	0.001	0.002	0.005	---	---	MEAN
MAX	---	---	3.15	0.835	0.043	0.007	0.006	0.006	0.010	0.014	---	---	MAX
MIN	---	---	0	0.038	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.089
MAXIMUM DAILY, 3.150 ON MAR 18
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
3.350 ON MAR 18

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 17 07 N
LONG 119 08 43 W
DRAINAGE AREA, 130 km²

E - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2.07
FEB	---	AUG	1.00
MAR	1 280	SEP	4.68
APR	983	OCT	12.1
MAY	41.7	NOV	---
JUN	4.92	DEC	---

TOTAL DISCHARGE, 2 040 dam³

COLUMBINE CREEK NEAR THE MOUTH - STATION NO. 08AA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.1008	0.149	0.033	0.005	0.004	0.002	0.002	---	---	1
2	---	---	0.0018	1.00 B	0.143	0.031	0.005	0.004	0.002	0.002	---	---	2
3	---	---	0.0018	0.31 B	0.149	0.019	0.005	0.003	0.002	0.003	---	---	3
4	---	---	0.0018	4.84 B	0.141	0.018	0.005	0.003	0.002	0.003	---	---	4
5	---	---	0.0018	3.80 B	0.144	0.016	0.005	0.003	0.003	0.003	---	---	5
6	---	---	0.0018	2.73 B	0.140	0.015	0.005	0.002	0.002	0.003	---	---	6
7	---	---	0.0018	2.06 B	0.139	0.013	0.005	0.002	0.002	0.003	---	---	7
8	---	---	0.0018	2.59	0.127	0.019	0.005	0.003	0.002	0.003	---	---	8
9	---	---	0.0018	2.12	0.116	0.021	0.005	0.004	0.002	0.003	---	---	9
10	---	---	0.0018	1.68	0.113	0.038	0.005	0.004	0.002	0.004	---	---	10
11	---	---	0.0018	1.32	0.100	0.028	0.008	0.004	0.002	0.003	---	---	11
12	---	---	0.0018	1.10	0.089	0.021	0.005	0.005	0.002	0.005	---	---	12
13	---	---	0.0018	0.954	0.081	0.017	0.010	0.005	0.003	0.005	---	---	13
14	---	---	0.0018	0.828	0.078	0.018	0.011	0.005	0.003	0.004	---	---	14
15	---	---	0.0018	0.689	0.088	0.018	0.011	0.004	0.003	0.005	---	---	15
16	---	---	0.0018	0.801	0.080	0.027	0.011	0.004	0.003	0.006	---	---	16
17	---	---	0.0018	0.928	0.094	0.037	0.010	0.004	0.002	0.007	---	---	17
18	---	---	0.0028	0.656	0.088	0.021	0.008	0.003	0.003	0.007	---	---	18
19	---	---	0.0028	0.385	0.048	0.019	0.006	0.003	0.002	0.007	---	---	19
20	---	---	0.0028	0.340	0.038	0.017	0.007	0.002	0.003	0.007	---	---	20
21	---	---	0.0028	0.291	0.031	0.017	0.005	0.003	0.003	0.007	---	---	21
22	---	---	0.0028	0.229	0.026	0.022	0.006	0.003	0.002	0.007	---	---	22
23	---	---	0.0028	0.193	0.025	0.021	0.005	0.004	0.002	0.007	---	---	23
24	---	---	0.0028	0.197	0.023	0.023	0.005	0.003	0.002	0.006	---	---	24
25	---	---	0.0028	0.188	0.024	0.024	0.005	0.003	0.003	0.005	---	---	25
26	---	0.0018	0.0028	0.188	0.025	0.018	0.005	0.003	0.003	0.005	---	---	26
27	---	0.0018	0.0028	0.187	0.026	0.012	0.005	0.002	0.003	0.004	---	---	27
28	---	0.0018	0.0028	0.192	0.026	0.010	0.006	0.003	0.002	0.004	---	---	28
29	---		0.0028	0.181	0.024	0.005	0.006	0.002	0.002	0.002	---	---	29
30	---		0.0038	0.154	0.024	0.005	0.006	0.002	0.002	0.002	---	---	30
31	---		0.0048		0.024	0.005	0.005	0.002	0.003	0.0018	---	---	31
					0.023		0.006	0.002		0.0018		---	
TOTAL	---	---	0.068	38.006	2.312	0.956	0.201	0.100	0.084	0.134	---	---	TOTAL
MEAN	---	---	0.002	1.30	0.075	0.019	0.006	0.003	0.002	0.004	---	---	MEAN
MAX	---	---	0.004	4.31	0.149	0.038	0.011	0.005	0.003	0.007	---	---	MAX
MIN	---	---	0.001	0.180	0.023	0.005	0.005	0.002	0.002	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.173
MAXIMUM DAILY, 8.310 ON APR 3
MINIMUM DAILY, 0.0018 ON MAR 1
MAXIMUM INSTANTANEOUS,
5.060 AT 04:35 MST ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 21 N
LONG 111 06 33 W
DRAINAGE AREA, 241 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	17 4
FEB	---	AUG	8 84
MAR	4 15	SEP	5 83
APR	3 370	OCT	11 8
MAY	300	NOV	---
JUN	48 2	DEC	---

TOTAL DISCHARGE, 3 870 dam³

CONNOR CREEK NEAR SANGUDO - STATION NO. 07EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.27 B	0.102	0.085	0.053	0.018	0.007	0.033	0B	---	1
2	---	---	0 B	2.20 B	0.088	0.067	0.357	0.013	0.006	0.032	0B	---	2
3	---	---	0 B	4.27 B	0.067	0.043	0.314	0.011	0.005	0.028	0B	---	3
4	---	---	0 B	4.05 B	0.101	0.028	0.134	0.008	0.004	0.024	0B	---	4
5	---	---	0 B	3.19 B	0.124	0.011	0.084	0.008	0.003	0.022	---	---	5
6	---	---	0 B	2.49	0.119	0.004	0.071	0.004	0.002	0.018	---	---	6
7	---	---	0 B	1.85	0.092	0.015	0.058	0.001	0.003	0.015	---	---	7
8	---	---	0 B	1.80	0.081	0.017	0.052	0.002	0.002	0.013	---	---	8
9	---	---	0 B	1.62	0.101	0.017	0.053	0.002	0.002	0.012	---	---	9
10	---	---	0 B	1.41	0.091	0.007	0.047	0.001	0.002	0.010	---	---	10
11	---	---	0 B	1.47	0.086	0.038	0.034	0	0.001	0.011	---	---	11
12	---	---	0 B	1.40	0.085	0.055	0.018	0	0.001	0.022	---	---	12
13	---	---	0.1808	1.18	0.084	0.027	0.005	0	0.001	0.038	---	---	13
14	---	---	0.3808	0.982	0.086	0.008	0.001	0	0.004	0.018	---	---	14
15	---	---	0.8908	0.734	0.092	0.007	0.001	0.010	0.005	0.012	---	---	15
16	---	---	0.7808	0.854	0.100	0.010	0	0.010	0.002	0.004	---	---	16
17	---	---	0.6708	0.476	0.128	0.005	0.003	0.010	0	0.004	---	---	17
18	---	---	2.00 B	0.385	0.136	0.003	0.003	0.005	0	0.007	---	---	18
19	---	---	2.79 B	0.235	0.118	0.001	0.003	0.010	0	0.007	---	---	19
20	---	---	3.61 B	0.236	0.097	0	0.004	0.010	0	0.006	---	---	20
21	---	---	2.82 B	0.208	0.073	0	0.010	0.010	0.001	0.007	---	---	21
22	---	---	1.84 B	0.198	0.068	0	0.033	0.017	0.001	0.004	---	---	22
23	---	---	1.28 B	0.266	0.026	0.226	0.032	0.010	0.001	0.004	---	---	23
24	---	---	1.08 B	0.331	0.013	2.24	0.030	0.014	0.002	0.001	---	---	24
25	---	---	1.22 B	0.286	0.007	4.38	0.031	0.013	0.002	0.001	---	---	25
26	---	---	1.26 B	0.413	0.005	5.13	0.030	0.011	0.003	0 B	---	---	26
27	---	---	1.43 B	0.383	0.004	3.95	0.028	0.008	0.003	0 B	---	---	27
28	---	---	1.39 B	0.261	0.001	3.43	0.027	0.008	0.005	0 B	---	---	28
29	---		1.28 B	0.236	0	1.88	0.025	0.008	0.032	0 B	---	---	29
30	---		1.08 B	0.183	0.031	1.14	0.023	0.005	0.034	0 B	---	---	30
31	---		1.03 B		0.080		0.018	0.007		0 B		---	31
TOTAL	---	---	37.380	34.481	2.336	30.883	2.188	0.357	0.145	0.389	---	---	TOTAL
MEAN	---	---	0.680	1.15	0.072	0.780	0.071	0.008	0.005	0.013	---	---	MEAN
MAX	---	---	3.61	4.27	0.136	5.13	0.053	0.018	0.034	0.033	---	---	MAX
MIN	---	---	0	0.183	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.359
MAXIMUM DAILY, 5.13 ON JUN 26
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.73 AT 23:10 MDT ON JUN 25

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 01 33 N
LONG 114 56 39 W
DRAINAGE AREA, 195 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	189
FEB	---	AUG	22.2
MAR	2 380	SEP	12.8
APR	2 980	OCT	31.0
MAY	103	NOV	---
JUN	1 810	DEC	---

TOTAL DISCHARGE, 7 000 dam³

COOKING LAKE AT COOKING LAKE - STATION NO. 05EB012

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.815	---	---	---	1.724	1.693	1.624	1.653	---	---	1
2	---	---	---	---	1.785	1.774	1.716	1.684	1.634	1.653	---	---	2
3	---	---	---	---	1.789	1.744	1.704	1.694	1.644	1.623	---	---	3
4	---	---	---	---	1.774	1.744	1.695	1.584	1.634	1.653	---	---	4
5	---	---	---	---	1.799	1.724	1.694	1.584	1.634	1.633	1.857	---	5
6	---	---	---	---	1.784	1.719	1.694	1.584	1.644	1.643	---	---	6
7	---	---	---	---	1.784	1.724	1.693	1.594	1.634	1.673	---	---	7
8	---	---	---	---	1.789	1.719	1.684	1.574	1.639	1.683	---	---	8
9	---	---	---	---	1.784	1.719	1.684	1.594	1.634	1.638	---	---	9
10	---	---	---	---	1.784	1.714	1.674	1.579	1.629	1.638	---	---	10
11	---	---	---	---	1.784	1.714	1.674	1.584	1.634	1.633	---	---	11
12	---	---	---	---	---	1.714	1.658	1.574	---	1.643	---	---	12
13	---	---	---	---	1.784	1.719	1.654	1.579	1.624	---	---	---	13
14	---	---	---	---	1.764	1.694	1.684	1.574	1.633	1.653	---	---	14
15	---	---	---	---	1.774	---	1.684	1.594	1.648	1.643	---	---	15
16	---	---	---	---	1.774	1.684	1.664	1.579	1.493	---	---	---	16
17	---	---	---	---	1.774	1.694	1.658	---	1.553	---	---	---	17
18	---	---	---	---	1.774	1.714	1.654	1.584	1.643	1.633	---	---	18
19	---	---	---	---	1.789	1.714	1.649	1.584	1.538	1.652	---	---	19
20	---	---	---	---	1.764	1.724	1.644	1.574	1.643	1.672	---	---	20
21	---	---	---	---	1.784	1.714	1.644	1.574	1.623	1.662	---	---	21
22	---	---	---	---	1.789	---	1.634	1.584	1.633	1.662	---	---	22
23	---	---	---	---	1.774	---	1.639	1.574	1.643	1.632	---	---	23
24	---	---	---	---	1.784	1.734	1.604	1.584	1.632	1.657	---	---	24
25	---	---	---	1.777	1.744	1.744	1.624	1.584	1.633	1.662	---	---	25
26	---	---	---	---	1.744	1.744	1.584	1.564	1.563	1.652	---	---	26
27	---	---	---	---	1.744	1.749	---	1.583	---	1.662	---	---	27
28	---	---	---	---	1.744	1.738	---	1.574	1.568	1.652	---	---	28
29	---		---	---	1.754	1.734	1.614	1.564	1.558	1.652	---	---	29
30	---		---	---	1.744	1.734	1.604	1.644	1.558	1.652	---	---	30
31	---		---	---	1.744		1.599	1.564		1.652	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 24 59 N
LONG 113 07 15 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DRAINAGE AREA, 186 km²

COTTONWOOD CREEK NEAR TWIN BUTTE - STATION NO. 05AD803

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.300E	0.072	0.278	0.033	0	0.005	---	---	---	1
2	---	---	---	0.300E	0.088	0.222	0.004	0	0.008	---	---	---	2
3	---	---	---	0.300E	0.077	0.150	0.036	0	0.038	---	---	---	3
4	---	---	---	0.300E	0.073	0.108	0.138	0	0.088	---	---	---	4
5	---	---	---	0.300E	0.080	0.081	0.085	0.001	0.091	---	---	---	5
6	---	---	---	0.300E	0.088	0.078	0.018	0.020	0.091A	---	---	---	6
7	---	---	---	0.300E	0.087	0.078	0	0.021	---	---	---	---	7
8	---	---	---	0.300E	0.084	0.115	0	0.041	---	---	---	---	8
9	---	---	---	0.300E	0.085	0.107	0	0.024	---	---	---	---	9
10	---	---	---	0.313A	0.083	0.073	0	0.025	---	---	---	---	10
11	---	---	---	0.329	0.209	0.079	0	0.021	---	---	---	---	11
12	---	---	---	0.362	0.089	0.284	0	0.047	---	---	---	---	12
13	---	---	---	0.318	0.022	0.184	0	0.012	---	---	---	---	13
14	---	---	---	0.188	0.033	0.040	0	0.009	---	---	---	---	14
15	---	---	---	0.198	0.083	0.023	0	0.011	---	---	---	---	15
16	---	---	---	0.185	0.086	0.014	0	0.085	---	---	---	---	16
17	---	---	---	0.182	0.087	0.028	0	0.103	---	---	---	---	17
18	---	---	---	0.158	0.081	0.030	0	0.048	---	---	---	---	18
19	---	---	---	0.158	0.081	0.030	0	0.015	---	---	---	---	19
20	---	---	---	0.184	0.088	0.081	0	0.011	---	---	---	---	20
21	---	---	---	0.181	0.083	0.119	0	0.038	---	---	---	---	21
22	---	---	---	0.146	0.088	0.082	0	0.018	---	---	---	---	22
23	---	---	---	0.148	0.081	0.044	0	0.020	---	---	---	---	23
24	---	---	---	0.143	0.518	0.027	0	0.013	0.282A	---	---	---	24
25	---	---	---	0.140	0.193	0.028	0	0.009	0.208	---	---	---	25
26	---	---	---	0.138	0.188	0.027	0	0.007	0.178	---	---	---	26
27	---	---	---	0.135	0.200	0.026	0	0.006	0.247A	---	---	---	27
28	---	---	---	0.132	0.073	0.018	0	0.005	---	0.308A	---	---	28
29	---		---	0.124	0.088	0.018	0	0.005	---	---	---	---	29
30	---		---	0.101	0.215	0.010	0	0.005	---	---	---	---	30
31	---		---		0.320		0	0.005		---	---	---	31
TOTAL	---	---	---	6.332	3.333	3.403	0.369	0.835	---	---	---	---	TOTAL
MEAN	---	---	---	0.211	0.108	0.080	0.009	0.028	---	---	---	---	MEAN
MAX	---	---	---	0.329	0.518	0.278	0.138	0.103	---	---	---	---	MAX
MIN	---	---	---	0.101	0.022	0.010	0	0	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.00 JUL 7

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 06 35 N
LONG 113 30 50 W
DRAINAGE AREA, 34.3 km²
A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	38.0
FEB	---	AUG	84.0
MAR	---	SEP	---
APR	547	OCT	---
MAY	278	NOV	---
JUN	308	DEC	---

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

COYOTE CREEK NEAR CHERHILL - STATION NO. 07BB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 E	1.36 E	0.398	0.033	0.079	0	0	0	0E	---	1
2	---	---	0 E	3.16 E	0.250	0.019	0.042	0	0	0	0E	---	2
3	---	---	0 E	3.41 E	0.238	0.013	0.026	0	0	0	0E	---	3
4	---	---	0 E	2.39 E	0.184	0.011	0.018	0	0	0	0E	---	4
5	---	---	0 E	1.50	0.143	0.008	0.014	0	0	0	---	---	5
6	---	---	0 E	1.11	0.086	0.011	0.009	0	0	0	---	---	6
7	---	---	0 E	0.945	0.094	0.011	0.005	0	0	0	---	---	7
8	---	---	0 E	0.930	0.065	0.008	0.004	0	0	0	---	---	8
9	---	---	0 E	0.869	0.166	0.006	0.003	0	0	0	---	---	9
10	---	---	0 E	0.813	0.232	0.005	0.003	0	0	0	---	---	10
11	---	---	0 E	0.757	0.052	0.004	0.002	0	0	0	---	---	11
12	---	---	0 E	0.703	0.072	0.003	0.002	0	0	0	---	---	12
13	---	---	0 E	0.646	0.074	0.003	0.002	0	0	0	---	---	13
14	---	---	0 E	0.584	0.070	0.002	0	0	0	0	---	---	14
15	---	---	0 E	0.499	0.062	0.003	0	0	0	0	---	---	15
16	---	---	0.0020	0.451	0.119	0.002	0	0	0	0	---	---	16
17	---	---	0.0049	0.385	0.058	0	0	0	0	0	---	---	17
18	---	---	0.0068	0.376	0.041	0	0	0	0	0	---	---	18
19	---	---	0.0089	0.315	0.031	0	0	0	0	0	---	---	19
20	---	---	0.0109	0.310	0.023	0	0	0	0	0	---	---	20
21	---	---	0.0119	0.323	0.021	0	0	0	0	0	---	---	21
22	---	---	0.0129	0.089	0.022	0	0	0	0	0	---	---	22
23	---	---	0.0148	0.189	0.053	0.012	0	0	0	0	---	---	23
24	---	---	0.0168	0.348	0.036	0.205	0	0	0	0	---	---	24
25	---	---	0.0898	0.527	0.039	0.359	0	0	0	0	---	---	25
26	---	---	0.0238	0.574	0.031	0.888	0	0	0	0E	---	---	26
27	---	---	0.0558	0.497	0.036	0.909	0	0	0	0E	---	---	27
28	---	---	0.5308	0.436	0.082	0.854	0	0	0	0E	---	---	28
29	---	---	0.4618	0.533	0.216	0.376	0	0	0	0E	---	---	29
30	---	---	0.3708	0.431	0.101	0.173	0	0	0	0E	---	---	30
31	---	---	0.3998		0.043		0	0		0E	---	---	31
TOTAL	---	---	3.869	35.480	3.094	3.766	0.212	0	0	0	---	---	TOTAL
MEAN	---	---	0.129	0.850	0.100	0.126	0.007	0	0	0	---	---	MEAN
MAX	---	---	0.859	3.41	0.398	0.909	0.079	0	0	0	---	---	MAX
MIN	---	---	0	0.089	0.021	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.148
MAXIMUM DAILY, 3.410 ON APR 3
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
4.84 AT 12:20 MST ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 52 22 N
LONG 114 40 10 W
DRAINAGE AREA, 57.6 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	18.3
FEB	---	AUG	0
MAR	346	SEP	0
APR	3 200	OCT	0
MAY	287	NOV	---
JUN	339	DEC	---

TOTAL DISCHARGE, 3 190 dam³

CRESSDAY RESERVOIR NEAR CRESSDAY - STATION NO. 11AB057

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	983.767	---	---	---	---	---	---	---	1
2	---	---	---	983.737	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	983.486	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	983.139	---	---	---	5
6	---	---	---	---	983.781	983.877	---	---	---	---	---	---	6
7	---	---	---	---	983.790E	983.870E	983.435E	983.319	983.140E	983.408E	---	---	7
8	---	---	983.168E	983.775E	---	---	983.433	---	---	983.407	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	983.788	---	---	---	---	---	---	---	---	10
11	---	---	983.181	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	983.747	---	---	---	983.429	---	---	---	17
18	---	---	983.050E	983.822	983.740E	983.580E	983.345	983.186E	983.425E	983.418E	---	---	18
19	---	---	---	---	---	983.577	---	---	---	---	---	---	19
20	---	---	983.313	---	---	---	---	983.180	---	983.419	---	---	20
			983.430	---	---	---	---	---	---	---	---	---	
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	983.171E	983.587	---	---	---	---	---	983.412	---	---	---	26
27	---	983.171	983.587	983.780E	---	---	---	---	---	---	---	---	27
28	---	983.170E	983.007	---	983.660E	983.580E	---	---	983.410E	---	---	---	28
29	---		---	---	983.670	---	983.250E	983.183E	---	983.385E	---	---	29
30	---		---	---	---	---	---	983.161	---	983.384	---	---	30
31	---		983.676E	983.780	983.676E	983.480E	983.230	---	983.410E	---	---	---	31
							983.238E	983.138E		983.380E			
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 983.822 ON APR 17

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 14 03 N
LONG 110 18 40 W

E - ESTIMATED

REGULATED

DRAINAGE AREA,
84.8 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CROWFOOT CREEK NEAR CLUNY - STATION NO. 05BN008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.1178	2.15 B	1.39	1.52	1.12	1.58	1.39	0.581	0.127	---	1
2	---	0 B	0.1018	1.96 B	1.06	1.48	0.963	1.48	1.44	0.623	0.126	---	2
3	---	0 B	0.0388	1.91 B	0.859	1.38	0.980	1.40	1.50	0.459	0.105	---	3
4	---	0 B	0 B	1.85 B	0.681	1.41	0.971	1.44	1.50	0.483	0.102	---	4
5	---	0 B	0.0019	1.51 B	0.984	1.24	0.891	1.47	1.49	0.482	0.095	---	5
6	---	0 B	0 B	1.33	0.670	1.06	0.885	1.33	1.45	0.426	0.0888	---	6
7	---	0 B	0 B	1.08	0.385	1.11	0.903	1.18	1.46	0.317	0.0808	---	7
8	---	0 B	0.0018	0.888	0.281	1.32	0.826	1.18	1.47	0.361	0.0728	---	8
9	---	0 B	0.0108	0.724	0.196	1.10	0.827	1.08	1.50	0.287	0.0628	---	9
10	---	0 B	0.0828	0.585	0.189	1.26	0.380	1.31	1.48	0.317	0.0578	---	10
11	---	0 B	0.0588	0.481	0.140	1.46	0.580	1.56	1.51	0.285	0.0538	---	11
12	---	0 B	0.1008	0.437	0.275	1.35	0.487	1.83	1.49	0.239	0.0478	---	12
13	---	0 B	0.0838	0.360	0.604	1.36	0.581	2.02	1.48	0.285	0.0438	---	13
14	---	0 B	0.2748	0.327	0.728	1.21	0.854	2.02	2.68	0.404	0.0388	---	14
15	---	0 B	0.5848	0.288	0.736	1.32	0.800	2.16	3.10	0.384	0.0328	---	15
16	---	0 B	4.98 B	0.284	0.782	1.13	0.630	2.16	3.78	0.307	0.0288	---	16
17	---	0 B	7.20 B	0.351	0.616	1.05	0.588	2.26	3.59	0.283	0.0268	---	17
18	---	0 B	8.23 B	0.328	0.683	0.925	0.639	2.35	3.97	0.232	0.0238	---	18
19	---	0 B	11.8 B	0.288	0.824	0.931	0.880	2.37	3.32	0.214	0.0208	---	19
20	---	0 B	16.7 B	0.318	0.533	1.05	0.934	2.13	1.83	0.178	0.0178	---	20
21	---	0 B	23.7 B	0.515	0.565	0.970	0.907	2.26	1.30	0.185	0.0138	---	21
22	---	0 B	19.5 B	0.518	0.756	0.913	0.861	2.23	1.06	0.284	0.0118	---	22
23	---	0 B	13.9 B	0.574	0.621	1.03	1.06	2.15	0.838	0.262	0.0088	---	23
24	---	0.0038	8.86 B	0.869	0.806	1.18	1.07	2.09	0.864	0.250	0.0078	---	24
25	---	0.0158	4.28 B	1.01	0.930	1.31	1.16	2.03	0.885	0.213	0.0068	---	25
26	---	0.2408	3.04 B	1.78	1.04	1.18	1.23	1.94	0.840	0.182	0.0048	---	26
27	---	0.1348	3.07 B	1.83	1.25	1.27	1.36	1.88	0.783	0.191	0.0028	---	27
28	---	0.1528	2.30 B	1.97	1.43	1.31	1.38	1.76	0.678	0.139	0.0018	---	28
29	---		3.50 B	2.40	1.48	1.19	1.42	1.58	0.706	0.140	0 B	---	29
30	---		2.65 B	1.87	1.47	1.08	1.51	1.33	0.766	0.139	0 B	---	30
31	---		2.30 B		1.55		1.64	1.35		0.086		---	31
TOTAL	---	0.533	134.211	30.986	24.027	35.085	27.678	54.70	49.818	9.159	1.291	---	TOTAL
MEAN	---	0.019	4.33	1.03	0.775	1.20	0.888	1.78	1.86	0.295	0.043	---	MEAN
MAX	---	0.240	23.7	2.40	1.55	1.83	1.64	2.26	3.78	0.881	0.127	---	MAX
MIN	---	0	0	0.325	0.140	0.913	0.380	1.08	0.678	0.086	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.50
MAXIMUM DAILY, 23.78 ON MAR 21
MINIMUM DAILY, 0B ON MAR 4
MAXIMUM INSTANTANEOUS,
27.60 AT 10:33 MST ON MAR 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 50 00 N
LONG 112 45 40 W
DRAINAGE AREA, 1 380 km²

B - ICE CONDITIONS

REGULATED SINCE 1914

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 410
FEB	48.1	AUG	4 730
MAR	11 600	SEP	4 300
APR	2 680	OCT	781
MAY	3 080	NOV	112
JUN	3 120	DEC	---

TOTAL DISCHARGE, 31 700 dam³

CROWSNEST RIVER AT FRANK - STATION NO. 05AA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.13 B	0.7308	0.6698	1.13	6.90	9.76	8.12	3.31	2.18	3.51	4.70	2.948	1
2	1.23 B	0.7108	0.6148	1.23	5.80	8.38	6.95	3.30	2.33	3.49	4.57	2.888	2
3	1.14 B	0.6908	0.7008	1.36	7.30	8.72	6.82	3.36	2.38	3.43	5.03	2.578	3
4	1.10 B	0.6708	0.6618	1.26	7.70	8.33	6.76	3.33	2.33	3.35	5.61	2.828	4
5	1.07 B	0.6508	0.6118	1.25	8.88	8.14	6.67	3.18	2.42	3.35	5.42	2.688	5
6	1.06 B	0.6488	0.6548	1.25	8.05	7.88	6.52	3.14	2.78	3.50	4.958	2.588	6
7	1.07 B	0.6478	0.7068	1.26	8.84	8.38	6.36	3.06	2.73	3.37	4.698	2.658	7
8	1.06 B	0.6408	0.6118	1.30	8.05	14.8	6.21	3.04	2.82	3.16	4.328	2.578	8
9	1.06 B	0.6238	0.6188	1.38	8.12	11.8	6.08	3.06	2.86	3.12	3.788	2.468	9
10	1.03 B	0.6558	0.6188	1.65	8.16	9.89	3.98	3.04	2.82	3.16	3.388	2.418	10
11	1.03 B	0.6938	0.6398	2.03	8.08	8.49	3.88	3.08	2.78	3.16	3.638	2.358	11
12	1.04 B	0.6818	0.6728	3.48	8.81	8.03	3.74	3.22	4.84	3.08	3.518	2.408	12
13	1.04 B	0.6868	0.6088	3.31	8.70	7.80	3.85	3.31	6.11	3.02	3.688	2.378	13
14	1.06 B	0.6178	0.6218	4.21	8.68	7.76	3.88	3.26	5.38	3.02	3.648	2.338	14
15	1.07 B	0.6468	0.6678	4.08	8.13	7.87	3.81	3.02	4.69	3.28	3.848	3.328	15
16	1.05 B	0.6828	1.02 B	3.86	8.78	7.88	3.28	3.48	4.27	3.85	3.058	2.288	16
17	1.05 B	0.7108	1.05 B	3.72	7.78	7.41	3.46	3.38	4.13	3.83	2.748	2.278	17
18	1.05 B	0.7278	1.08 B	3.83	8.08	7.26	3.42	3.31	4.22	3.70	2.488	2.258	18
19	1.04 B	0.7488	1.08 B	3.81	10.8	7.08	3.18	3.25	4.08	3.66	2.428	2.238	19
20	0.9908	0.8008	1.10 B	3.43	12.4	7.15	3.06	3.18	3.88	3.49	2.388	2.038	20
21	1.02 B	0.7488	1.08 B	3.18	12.7	7.12	2.98	3.10	3.80	3.85	3.228	2.028	21
22	1.01 B	0.6088	1.05 B	2.98	12.6	6.70	2.80	3.06	3.81	3.88	3.208	2.188	22
23	0.9868	0.6288	1.01 B	2.83	12.0	6.34	2.81	3.08	3.87	3.81	3.248	2.128	23
24	0.9388	0.6588	1.03 B	3.01	12.8	6.03	2.82	2.88	3.74	3.83	3.308	1.898	24
25	0.9208	0.6848	0.9828	3.88	14.4	5.87	2.78	2.73	3.88	5.38	3.378	1.788	25
26	0.8728	0.6108	0.9788	2.82	15.2	5.38	2.83	2.88	3.88	5.13	3.438	1.988	26
27	0.8308	0.6468	0.877	2.78	12.8	5.15	2.83	2.81	3.88	5.15	3.488	1.888	27
28	0.8218	0.6788	0.988	4.06	11.3	5.11	2.67	3.48	3.82	5.88	3.438	1.738	28
29	0.8008		0.988	4.83	10.4	5.14	2.63	3.41	3.87	5.43	3.488	1.788	29
30	0.7708		0.872	4.61	9.85	5.33	3.38	3.33	3.81	5.15	3.518	1.888	30
31	0.7888		0.897		9.58		3.33	3.38		4.88		1.858	31
TOTAL	31.877	19.884	30.189	80.30	273.37	231.90	108.32	73.84	106.10	130.17	98.41	69.88	TOTAL
MEAN	1.00	0.685	0.842	2.88	8.82	7.73	3.83	3.87	3.84	3.88	3.21	2.34	MEAN
MAX	1.23	0.878	1.10	4.83	14.4	14.8	8.12	3.48	6.11	5.88	5.61	3.88	MAX
MIN	0.788	0.833	0.788	1.12	4.88	5.11	2.83	2.88	2.18	3.82	2.28	1.73	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.61
MAXIMUM DAILY, 14.8 ON JUN 8
MINIMUM DAILY, 0.5238 ON FEB 8
MAXIMUM INSTANTANEOUS,
18.8 AT 21:38 MST ON MAY 24

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 49 N
LONG 114 24 33 W
DRAINAGE AREA, 602 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 690	JUL	9 490
FEB	1 690	AUG	6 670
MAR	3 520	SEP	9 170
APR	8 040	OCT	10 400
MAY	23 000	NOV	6 330
JUN	20 000	DEC	6 010

TOTAL DISCHARGE, 108 000 dam³

CUTBANK RIVER NEAR GRANDE PRAIRIE - STATION NO. 07GB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2048	1.048	4.43	8.84	7.00	1.07	3.00	11.2	---	---	1
2	---	---	0.2000	2.088	7.21	7.70	5.43	1.04	3.01	10.0	---	---	2
3	---	---	0.1998	2.568	13.8	6.66	4.25	1.14	2.07	9.08	---	---	3
4	---	---	0.1948	2.628	15.1	5.72	3.80	2.45	2.79	8.04	---	---	4
5	---	---	0.1998	1.788	12.1	5.34	3.05	2.74	4.25	7.49	---	---	5
6	---	---	0.1938	1.488	10.5	4.82	2.69	1.84	7.82	7.27	---	---	6
7	---	---	0.1978	1.608	9.82	4.41	3.50	1.59	5.46	8.98	---	---	7
8	---	---	0.2088	2.478	10.2	4.17	2.30	2.28A	5.94	8.18	---	---	8
9	---	---	0.2188	4.108	11.0	3.91	2.13	2.15E	5.29	8.91	---	---	9
10	---	---	0.2268	5.468	11.5	3.55	1.99	2.05E	5.49	9.39	---	---	10
11	---	---	0.2508	5.708	10.3	3.31	1.86	2.30E	5.83	9.82	---	---	11
12	---	---	0.2708	6.688	8.78	3.01	1.83	2.70E	5.84	7.91	---	---	12
13	---	---	0.3028	9.908	8.93	2.87	1.81	3.00E	49.1	7.80	---	---	13
14	---	---	0.3448	11.2 B	8.77	2.71	1.76	2.80E	36.4	8.31	---	---	14
15	---	---	0.3868	9.958	9.03	2.71	1.82	3.00E	21.0	9.88	---	---	15
16	---	---	0.4728	9.028	9.92	3.02	1.83	5.10E	15.2	10.8	---	---	16
17	---	---	0.5898	8.51	12.4	3.48	1.70	4.00E	29.6	9.88	---	---	17
18	---	---	0.6828	6.96	14.3	3.30	1.72	3.40E	29.9	8.62	---	---	18
19	---	---	0.7148	6.44	12.9	3.15	1.74	2.90E	30.3	7.71	---	---	19
20	---	---	0.7758	5.57	10.9	3.11	1.69	3.14E	18.2	7.80	---	---	20
21	---	---	0.7828	4.89	9.53	3.11	1.96	2.90E	15.8	7.70	---	---	21
22	---	---	0.7548	4.44	8.38	3.05	1.88	2.70E	17.7	7.01	---	---	22
23	---	---	0.7128	4.01	7.33	2.98	1.82	2.50E	15.9	8.47	---	---	23
24	---	---	0.7098	3.82	7.41	15.1	1.39	2.40E	14.8	8.13B	---	---	24
25	---	---	0.7098	3.62	10.5	23.9	1.36	2.30E	14.0	8.01B	---	---	25
26	---	0.1198	0.8798	3.97	12.4	12.7	1.33	2.15E	18.8	8.92B	---	---	26
27	---	0.1808	0.8468	4.37	11.3	9.33	1.27	2.00E	27.1	8.80B	---	---	27
28	---	0.1978	0.8108	4.32	12.0	9.36	1.22	1.82A	18.9	8.26B	---	---	28
29	---		0.8108	4.02	12.4	10.2	1.18	1.70	15.0	3.33B	---	---	29
30	---		0.8108	3.87	12.3	9.48	1.15	1.91	12.8	2.80B	---	---	30
31	---		0.8888		10.8		1.11	2.07		2.85B		---	31
TOTAL	---	---	14.312	146.31	335.92	177.23	85.96	76.74	444.11	218.50	---	---	TOTAL
MEAN	---	---	0.462	4.88	10.5	5.91	2.15	2.44	14.8	7.05	---	---	MEAN
MAX	---	---	0.775	11.2	15.1	23.9	7.00	5.10	49.1	11.2	---	---	MAX
MIN	---	---	0.193	1.04	4.43	2.98	1.11	1.04	2.00	2.85	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.08
MAXIMUM DAILY, 49.1 ON SEP 13
MINIMUM DAILY, 0.1938 ON MAR 6
MAXIMUM INSTANTANEOUS,
58.2 AT 14:30 MST ON SEP 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 30 57 N
LONG 118 57 47 W
DRAINAGE AREA, 844 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 780
FEB	---	AUG	6 840
MAR	1 240	SEP	38 400
APR	12 600	OCT	18 800
MAY	28 200	NOV	---
JUN	15 300	DEC	---

TOTAL DISCHARGE, 127 000 dam³

DAPP CREEK AT HIGHWAY NO. 44 - STATION NO. 07BC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0038	2.628	1.56	0.375	0.348	0.502	0.016E	0.003E	---	---	1
2	---	---	0.0038	3.738	1.56	0.119	0.304	0.276	0.014E	0.003E	---	---	2
3	---	---	0.0038	4.428	1.84	0.071	0.260	0.188	0.012E	0.003E	---	---	3
4	---	---	0.0038	2.898	1.50	0.050	0.321	0.115	0.010E	0.003E	---	---	4
5	---	---	0.0038	2.58	1.47	0.044	0.283	0.073	0.008E	0.003E	---	---	5
6	---	---	0.0038	1.85	1.42	0.038	0.429	0.048	0.008E	0.003E	---	---	6
7	---	---	0.0038	1.78	1.50	0.030	0.566	0.047	0.008E	0.003E	---	---	7
8	---	---	0.0038	1.74	1.48	0.026	0.559	0.043	0.004E	0.003E	---	---	8
9	---	---	0.0038	2.28	1.43	0.025	0.541	0.051	0.004E	0.003E	---	---	9
10	---	---	0.0038	2.94	1.32	0.025	0.502	0.052	0.003E	0.003E	---	---	10
11	---	---	0.0048	3.06	1.28	0.026	0.470	0.056	0.003E	0.003E	---	---	11
12	---	---	0.0058	3.18	1.30	0.024	0.469	0.064	0.010E	0.003E	---	---	12
13	---	---	0.0068	3.18	1.19	0.024	0.404	0.062	0.007E	0.003E	---	---	13
14	---	---	0.0108	3.02	1.18	0.024	0.378	0.059	0.004E	0.003E	---	---	14
15	---	---	0.0158	2.88E	1.16	0.024	0.378	0.053	0.003E	0.003E	---	---	15
16	---	---	0.0208	2.86	1.13	0.024	0.367	0.054	0.003E	0.003E	---	---	16
17	---	---	0.0208	2.61	1.06	0.023	0.350	0.044	0.003E	0.006E	---	---	17
18	---	---	0.0208	2.28	1.05	0.023	0.383	0.032	0.003E	0.004E	---	---	18
19	---	---	0.0158	2.01	1.04	0.023	0.349	0.031	0.003E	0.003E	---	---	19
20	---	---	0.0158	1.90E	1.01	0.023	0.342	0.031	0.003E	0.003E	---	---	20
21	---	---	0.0128	1.91	0.958	0.023	0.335	0.026	0.003E	0.003E	---	---	21
22	---	---	0.0108	1.66	0.906	0.023	0.316	0.024	0.003E	0.003E	---	---	22
23	---	---	0.0108	1.54	0.902	0.022	0.300	0.023	0.003	0.003E	---	---	23
24	---	---	0.0108	1.93	0.885	0.814	0.283	0.023	0.003E	0.003E	---	---	24
25	---	---	0.0158	2.01	0.868	0.221	0.276	0.022	0.003E	0.003E	---	---	25
26	---	---	0.0188	1.82	0.792	0.188	0.259	0.022	0.003E	0.003E	---	---	26
27	---	---	0.0188	1.73	0.784	0.081	0.256	0.023	0.003E	0.003E	---	---	27
28	---	---	0.0408	1.63	0.739	0.053	0.240	0.023E	0.003E	0.003	---	---	28
29	---		0.3008	1.57	0.718	0.048	0.233	0.021E	0.003E	0.003E	---	---	29
30	---		1.00 B	1.86	0.681	0.338	0.230	0.020E	0.003E	0.003E	---	---	30
31	---		2.47 B		0.478		0.240	0.018E		0.003E		---	31
TOTAL	---	---	4.011	71.87	34.748	2.732	11.117	2.989	0.184	0.103	---	---	TOTAL
MEAN	---	---	0.131	2.39	1.12	0.091	0.359	0.097	0.006	0.003	---	---	MEAN
MAX	---	---	2.47	4.42	1.56	0.814	0.566	0.502	0.016	0.006	---	---	MAX
MIN	---	---	0.003	1.56	0.478	0.022	0.230	0.018	0.003	0.003	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.517
MAXIMUM DAILY, 4.428 ON APR 3
MINIMUM DAILY, 0.0038 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 18 30 N
LONG 119 50 56 W
DRAINAGE AREA, 883 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	961
FEB	---	AUG	181
MAR	351	SEP	13.3
APR	6 180	OCT	9.07
MAY	3 000	NOV	---
JUN	238	DEC	---

TOTAL DISCHARGE, 10 900 dam³

DEADFISH INFLOW CANAL NEAR CESSFORD - STATION NO. 05CH012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0.048	0.050	0.001	1.04	---	---	1
2	---	---	0	0	0	0	0.097	0.051	0	0.593	---	---	2
3	---	---	0	0	0	0	0.088	0.051	0	0.482	---	---	3
4	---	---	0	0	0	0	0.082	0.054	0	0.548	---	---	4
5	---	---	0	0	0	0	0.081	0.054	0	0.731	---	---	5
6	---	---	0	0	0	0	0.080	0.069	0	0.672	---	---	6
7	---	---	0	0	0	0	0.079	0.161	0	0.628	---	---	7
8	---	---	0	0	0	0	0.079	0.277	0	0.557	---	---	8
9	---	---	0	0	0	0	0.082	0.334	0	0.398	---	---	9
10	---	---	0	0	0	0	0.085	0.085	0	0.285	---	---	10
11	---	---	0	0	0	0	0.148	0.075	0	0.285	---	---	11
12	---	---	0	0	0	0	0.338	0.085	0.001	0.278	---	---	12
13	---	---	0	0	0	0	0.333	0.288	0	0.133	---	---	13
14	---	---	0	0	0	0.2738	0.024	0.123	0	0.001	---	---	14
15	---	---	0	0	0	0.273	0.001	0.048	0	0.001	---	---	15
16	---	---	0	0	0	0.173	0	0.013	0	0.001	---	---	16
17	---	---	0	0	0	0.080	0	0.010	0	0.001	---	---	17
18	---	---	0	0	0	0.282	0.001	0.004	0	0.001	---	---	18
19	---	---	0	0	0	0.055	0.067	0.070	0	0.001	---	---	19
20	---	---	0	0	0	0.067	0.080	0.035	0	0.001	---	---	20
21	---	---	0	0	0	0.025	0.004	0.004	0	0.001	---	---	21
22	---	---	0	0	0	0.031	0.001	0.547	0	0.001	---	---	22
23	---	---	0	0	0	0.280	0.022	0.556	0	0.001	---	---	23
24	---	---	0	0	0	0.340	0.044	0.578	0	0.001	---	---	24
25	---	0	0	0	0	0.352	0.044	0.580	0.010	0.001	---	---	25
26	---	0	0	0	0	0.053	0.044	0.489	0.039	0.001	---	---	26
27	---	0	0	0	0	0.010	0.130	0.348	0.385	0.001	---	---	27
28	---	0	0	0	0	0.001	0.229	0.027	0.401	0.001	---	---	28
29	---		0	0	0	0	0.054	0.005	0.526	0.001	---	---	29
30	---		0	0	0	0	0.051	0.004	0.528	0.001	---	---	30
31	---		0		0		0.051	0.003		0.0018		---	31
TOTAL	---	---	0	0	0	3.190	3.483	5.354	3.671	9.545	---	---	TOTAL
MEAN	---	---	0	0	0	0.073	0.078	0.302	0.088	0.211	---	---	MEAN
MAX	---	---	0	0	0	0.340	0.229	0.556	0.528	1.04	---	---	MAX
MIN	---	---	0	0	0	0	0	0.003	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.083
MAXIMUM DAILY, 1.04 ON OCT 1
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 53 N
LONG 111 49 32 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	312
FEB	---	AUG	540
MAR	0	SEP	344
APR	0	OCT	905
MAY	0	NOV	---
JUN	189	DEC	---

TOTAL DISCHARGE, 1 750 dam³

DEEP VALLEY CREEK NEAR VALLEYVIEW - STATION NO. 07EF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.25 E	0.8138	5.84	4.80	3.04	0.788	1.81	7.83	---	---	1
2	---	---	1.30 E	1.41 E	8.81	4.36	2.89	0.788	1.65	8.84	---	---	2
3	---	---	1.35 E	0.8809	17.8	3.87	2.86	1.01	1.44	8.38	---	---	3
4	---	---	1.40 E	1.10 E	20.1	3.84	2.27	1.86	1.84	8.62	---	---	4
5	---	---	1.35 E	1.03 E	17.6	3.82	1.87	1.87	3.10	8.36	---	---	5
6	---	---	1.25 E	1.12 E	14.9	3.82	1.84	1.17	4.87	8.28	---	---	6
7	---	---	1.15 E	1.41 E	13.6	3.15	1.86	1.16	4.33	6.07	---	---	7
8	---	---	1.04 E	3.00 E	13.1	3.16	1.83	1.62	3.82	4.30	---	---	8
9	---	---	0.9398	4.58 E	12.2	3.84	1.41	2.32	3.46	4.73	---	---	9
10	---	---	0.8888	5.76 E	12.3	3.87	1.33	1.86	3.39	4.84	---	---	10
11	---	---	0.8328	8.36 E	13.9	3.43	1.33	3.01	3.89	5.46	---	---	11
12	---	---	0.8018	7.87 E	13.4	3.31	1.88	3.20	3.89	6.39	---	---	12
13	---	---	0.8038	11.3 E	10.7	3.08	1.84	3.11	11.7	7.38	---	---	13
14	---	---	0.8518	14.6 E	10.0	3.89	1.48	4.83	18.8	8.87	---	---	14
15	---	---	0.8898	14.3 E	9.18	3.86	1.33	6.78	11.8	11.4	---	---	15
16	---	---	0.8918	12.1 E	8.34	3.34	1.26	10.4	8.83	11.9	---	---	16
17	---	---	1.07 E	7.17 E	7.88	3.08	1.31	7.88	12.1	10.2	---	---	17
18	---	---	1.38 E	8.31	7.62	3.36	1.12	8.34	12.1	8.46	---	---	18
19	---	---	1.38 E	7.78	7.58	1.88	1.36	8.38	10.8	7.43	---	---	19
20	---	---	1.08 E	7.87	7.11	1.88	1.62	3.84	8.87	7.13	---	---	20
21	---	---	0.9748	8.88	8.31	1.88	1.26	3.38	10.4	8.73	---	---	21
22	---	---	0.7448	8.08	8.88	1.88	1.16	2.88	12.2	8.47	---	---	22
23	---	---	0.7128	8.14	8.08	2.29	1.14	3.36	8.11	8.18	---	---	23
24	---	---	0.8808	8.88	8.19	18.4	1.08	1.88	8.88	8.88	---	---	24
25	---	---	0.8978	8.88	8.37	18.7	0.947	1.83	8.83	8.18	---	---	25
26	---	---	0.8978	8.08	8.18	18.4	0.883	1.78	10.3	8.43	---	---	26
27	---	---	0.8748	8.18	7.81	7.48	0.888	1.81	17.8	8.13	---	---	27
28	---	---	0.8838	8.38	7.38	8.48	0.883	1.81	13.2	4.82	---	---	28
29	---	---	0.8418	4.83	8.88	8.33	0.888	1.48	10.3	3.88	---	---	29
30	---	---	0.8478	4.87	8.83	4.84	0.838	1.47	8.88	3.838	---	---	30
31	---		0.8548		8.87		0.883	1.48		3.388		---	31
TOTAL	---	---	28.833	171.883	280.88	181.78	88.366	93.884	238.18	185.88	---	---	TOTAL
MEAN	---	---	0.838	8.73	8.78	6.83	1.88	3.81	7.84	8.32	---	---	MEAN
MAX	---	---	1.48	18.8	20.1	18.4	3.84	10.4	17.8	11.8	---	---	MAX
MIN	---	---	0.841	0.813	8.88	1.88	0.883	0.788	1.44	3.38	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.88
MAXIMUM DAILY, 20.1 ON MAY 4
MINIMUM DAILY, 0.8418 ON MAR 28
MAXIMUM INSTANTANEOUS,
37.8 AT 20:30 MST ON JUN 24

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 20 48 N
LONG 117 43 10 W
DRAINAGE AREA, 837 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 930
FEB	---	AUG	6 890
MAR	2 490	SEP	20 800
APR	14 800	OCT	18 800
MAY	26 000	NOV	---
JUN	12 300	DEC	---

TOTAL DISCHARGE, 103 000 dam³

DEER CREEK (MAIN STEM) NEAR SUNDRE - STATION NO. 05CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.010	0.003	0.001	0.001	0.013	0.0085	---	1
2	---	---	---	---	---	0.008	0.003	0.001	0.002	0.013	0.0085	---	2
3	08	---	---	---	---	0.007	0.002	0.001	0.003	0.013	0.0085	---	3
4	---	---	---	---	---	0.007	0.002	0.001	0.003	0.013	0.0085	---	4
5	---	08	---	---	---	0.007	0.002	0.001	0.007	0.011	0.0084	---	5
6	---	---	---	---	---	0.008	0.001	0.001	0.008	0.010	---	---	6
7	---	---	---	---	0.0138	0.008	0.001	0.001	0.005	0.012	---	---	7
8	---	---	---	---	---	0.008	0.001	0.003	0.005	0.012	---	---	8
9	---	---	---	---	---	0.007	0.001	0.002	0.007	0.012	---	---	9
10	---	---	---	0.0398	---	0.007	0.001	0.004	0.010	0.013	---	---	10
11	---	---	---	---	---	0.006	0.001	0.003	0.008	0.010	---	---	11
12	---	---	---	---	---	0.006	0.001	0.005	0.072	0.015	---	---	12
13	---	---	---	---	---	0.006	0.001	0.005	0.083	0.013	---	---	13
14	---	---	---	---	---	0.006	0.001	0.003	0.031	0.012	---	---	14
15	---	---	---	---	---	0.006	0.051	0.016	0.021	0.013	---	---	15
16	---	---	---	0.0088	---	0.005	0.001	0.006	0.018	0.014	---	0.0018	16
17	---	---	---	---	---	0.004	0.002	0.006	0.018	0.012	---	---	17
18	---	---	---	---	---	0.005	0.001	0.003	0.018	0.011	---	---	18
19	---	---	---	---	---	0.005	0.001	0.002	0.018	0.012	---	---	19
20	---	---	---	---	---	0.007	0.001	0.002	0.018	0.013	---	---	20
21	---	---	---	---	0.0034	0.005	0.001	0.006	0.018	0.012	---	---	21
22	---	---	---	0.0038	0.003	0.006	0.001	0.006	0.018	0.012	---	---	22
23	---	---	---	---	0.002	0.005	0.002	0.003	0.017	0.010	---	---	23
24	---	---	---	---	0.006	0.005	0.001	0.003	0.017	0.008	---	---	24
25	---	---	---	---	0.040	0.006	0.001	0.002	0.018	0.008	0.0018	---	25
26	---	---	---	---	0.030	0.005	0.001	0.001	0.018	0.0085	---	---	26
27	---	---	---	---	0.015	0.004	0.001	0.001	0.018	0.0118	---	---	27
28	---	---	08	---	0.013	0.004	0.001	0.001	0.015	0.0108	---	---	28
29	---	---	---	0.0368	0.019	0.003	0.001	0.002	0.014	0.0085	---	---	29
30	---	---	---	---	0.017	0.003	0.001	0.001	0.013	0.0085	---	---	30
31	---	---	---	---	0.013	---	0.001	0.001	---	0.0085	---	---	31
TOTAL	---	---	---	---	---	0.173	0.330	0.095	0.496	0.388	---	---	TOTAL
MEAN	---	---	---	---	---	0.006	0.001	0.003	0.017	0.011	---	---	MEAN
MAX	---	---	---	---	---	0.010	0.003	0.016	0.072	0.014	---	---	MAX
MIN	---	---	---	---	---	0.003	0.001	0.001	0.001	0.008	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.072 ON SEP 12
MINIMUM DAILY, 08 ON JAN 3
MAXIMUM INSTANTANEOUS,
0.130 AT 23:04 MST ON SEP 12

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 25 N
LONG 115 06 00 W
DRAINAGE AREA, 5.44 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3.46
FEB	---	AUG	8.29
MAR	---	SEP	43.0
APR	---	OCT	30.8
MAY	---	NOV	---
JUN	18.8	DEC	---

DEERLICK CREEK NEAR MINTON - STATION NO. 07AP006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0378	0.139	0.291	0.410	0.041	0.143	0.332	---	---	1
2	---	---	---	0.3208	0.358	0.304	0.358	0.048	0.135	0.211	---	---	2
3	---	---	---	0.3008	0.318	0.350	0.308	0.039	0.137	0.193	---	---	3
4	---	---	---	0.3008	0.188	0.313	0.364	0.038	0.131	0.172	---	---	4
5	---	---	---	0.2908	0.188	0.288	0.329	0.030	0.339	0.188	---	---	5
6	---	---	---	0.1808	0.138	0.180	0.188	0.038	0.384	0.187	---	---	6
7	---	---	---	0.1288	0.128	0.193	0.188	0.048	0.280	0.181	---	---	7
8	---	---	---	0.2728	0.141	0.203	0.148	0.391	0.287	0.208	---	---	8
9	---	---	---	0.1408	0.138	0.222	0.128	0.234	0.343	0.181	---	---	9
10	---	---	---	0.0848	0.108	0.188	0.118	0.201	0.403	0.187	---	---	10
11	---	---	---	0.0809	0.102	0.174	0.087	0.188	0.481	0.171	---	---	11
12	---	---	---	0.0828	0.088	0.183	0.100	0.518	0.784	0.184	---	---	12
13	---	---	---	0.1188	0.088	0.183	0.113	0.888	1.32	0.142	---	---	13
14	---	---	---	0.0828	0.084	0.183	0.088	0.4848	0.874	0.138	---	---	14
15	---	---	---	0.0748	0.083	0.188	0.088	1.44 A	0.718	0.148	---	---	15
16	---	---	---	0.0218	0.082	0.131	0.082	1.07	0.888	0.148	---	---	16
17	---	---	---	0.0308	0.082	0.118	0.113	0.788	0.884	0.148	---	---	17
18	---	---	---	0.0118	0.082	0.108	0.082	0.638	0.838	0.138	---	---	18
19	---	---	---	0.0088	0.083	0.101	0.078	0.814	0.478	0.138	---	---	19
20	---	---	---	0.0178	0.081	0.088	0.071	0.783	0.427	0.148	---	---	20
21	---	---	---	0.0218	0.078	0.092	0.088	0.713	0.381	0.148	---	---	21
22	---	---	---	0.0248	0.078	0.104	0.088	0.518	0.388	0.148	---	---	22
23	---	---	---	0.0228	0.078	0.114	0.083	0.428	0.343	0.138	---	---	23
24	---	---	---	0.0278	0.078	1.07	0.133	0.383	0.388	0.1388	---	---	24
25	---	---	---	0.0348	0.327	1.33	0.083	0.333	0.384	0.1838	---	---	25
26	---	---	---	0.0478	0.272	0.878	0.088	0.383	0.331	0.1828	---	---	26
27	---	---	---	0.048	0.213	0.781	0.088	0.343	0.313	0.0988	---	---	27
28	---	---	0.0288	0.036	0.258	0.827	0.088	0.311	0.278	0.0888	---	---	28
29	---	---	0.0188	0.0418	0.384	0.838	0.088	0.188	0.248	0.1088	---	---	29
30	---	---	0.0138	0.038	0.348	0.488	0.081	0.178	0.248	0.1018	---	---	30
31	---	---	0.0178		0.388		0.048	0.188		0.1008		---	31
			0.0218										
TOTAL	---	---	---	2.980	6.810	9.788	3.872	11.884	12.382	6.888	---	---	TOTAL
MEAN	---	---	---	0.088	0.188	0.328	0.128	0.374	0.418	0.148	---	---	MEAN
MAX	---	---	---	0.388	0.388	1.33	0.418	1.44	1.32	0.233	---	---	MAX
MIN	---	---	---	0.008	0.078	0.083	0.048	0.038	0.137	0.088	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.328
MAXIMUM DAILY, 1.44A ON AUG 15
MINIMUM DAILY, 0.0088 ON APR 19
MAXIMUM INSTANTANEOUS,
1.88 AT 23:50 MST ON SEP 12

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 20 N
LONG 117 14 38 W
DRAINAGE AREA, 14.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	343
FEB	---	AUG	1 000
MAR	---	SEP	1 070
APR	388	OCT	388
MAY	420	NOV	---
JUN	846	DEC	---

TOTAL DISCHARGE, 4 340 dam³

DICKSON DAM TUNNEL OUTLET - STATION NO. 05CB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.8	15.5	15.8	15.7	16.2	26.1	25.7	24.3	25.6	30.1	22.7	15.1E	1
2	15.7	15.5	15.8	15.7	16.3	21.5	25.1	24.2	25.5	26.9	21.2	16.1E	2
3	15.6	15.5	15.8	15.7	16.3	16.6	15.9	24.8	25.5	27.1	18.0	15.1E	3
4	15.8	15.4	15.8	15.7	16.2	15.7	15.3	25.2	25.5	26.6	18.1	15.1E	4
5	15.9	15.4	15.2	15.9	16.3	15.7	15.1	27.1	25.8	26.5	18.1	15.1E	5
6	16.1	15.4	15.9	17.8	16.5	15.6	15.2	29.8	25.8	26.5	18.0	15.1E	6
7	16.1	15.7	17.5	17.8	16.4	24.5	16.1	31.4	26.8	26.5	18.2	15.1E	7
8	16.1	16.0	17.4	17.6	16.4	29.6	16.1	31.8	27.5	26.5	18.0	15.0E	8
9	15.8	16.0	17.2	17.5	16.4	26.6	16.2	29.1	33.4	26.4	18.5	15.0E	9
10	16.1	16.0	17.2	17.1	16.6	21.3	16.3	26.8	28.1	26.4	18.5	15.0E	10
11	15.5	15.1	17.1	16.9	16.4	27.2	16.4	26.5	26.9	26.3	18.5	15.0E	11
12	16.4	15.9	16.8	18.1	16.3	30.8	16.2	26.5	26.9	26.3	18.5	15.0E	12
13	16.5	15.6	16.8	18.4	30.8	29.1	26.5	0	0	26.3	18.5	15.0E	13
14	16.6	15.3	16.4	17.9	18.4	32.9	25.0	0	0	26.3	18.5	15.0E	14
15	16.4	15.6	16.9	17.5	18.4	33.9	17.0	0	0	26.2	18.7	15.0E	15
16	16.5	15.3	17.0	17.4	18.4	34.0	16.0	32.5	0	25.9	18.5	15.0E	16
17	16.5	15.3	17.0	16.9	18.5	37.1	16.0	43.3	0	26.1	18.6	15.0A	17
18	16.4	15.3	17.0	16.5	18.5	33.7	22.4	44.3	0	26.1	18.7	15.1	18
19	16.6	15.3	17.0	16.5	18.5	28.3	20.4	45.2	0	26.1	18.5	15.4	19
20	16.4	15.4	16.7	16.2	18.7	24.4	19.6	43.5	0	26.2	22.3	15.4	20
21	17.1	15.6	16.4	15.9	15.8	25.7	20.1	42.8	0	25.2	25.3	15.4	21
22	17.6	15.6	16.4	16.1	15.8	24.0	19.9	44.0	0	26.1	18.5	15.4	22
23	18.0	15.7	16.4	16.2	15.9	25.7	20.2	47.9	0	25.7	18.4	15.4	23
24	17.9	15.7	16.2	16.3	15.8	30.9	20.4	48.6	0	25.1	18.5	15.4	24
25	18.1	15.6	16.3	16.1	15.8	28.7	20.4	46.9	0	24.1	18.5	15.6	25
26	18.0	15.8	16.2	16.1	15.6	21.6	23.6	42.1	0	23.9	18.3	15.6	26
27	17.9	15.7	16.2	16.1	15.8	21.9	24.6	34.6	28.9	23.0	18.2A	15.4	27
28	17.7	15.8	16.2	16.2	15.9	18.8	24.7	32.9	42.0	23.9	18.2E	15.4	28
29	17.8		15.8	16.1	15.9	16.6	27.2	33.0	39.5	22.9	18.2E	15.4	29
30	17.3		15.7	16.1	15.9	19.9	26.2	33.6	36.0	22.6	18.1E	15.4	30
31	16.7		15.7		33.3		24.3	28.3		22.8		15.4	31
TOTAL	510.1	436.9	512.8	503.1	506.1	776.3	624.6	1 055.7	487.3	835.7	534.1	501.8	TOTAL
MEAN	16.5	15.6	16.5	16.2	16.3	25.9	20.1	34.1	16.2	27.0	17.6	16.2	MEAN
MAX	18.1	16.1	17.5	18.1	33.3	37.1	27.2	48.6	42.0	30.1	25.3	16.5	MAX
MIN	15.5	15.3	15.2	15.7	15.5	15.7	15.0	24.2	0	22.6	18.1	15.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.0
MAXIMUM DAILY, 48.6 ON AUG 26
MINIMUM DAILY, 0 ON SEP 13

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 03 30 N
LONG 114 13 02 W
DRAINAGE AREA, 9 800 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	44 600	JUL	54 000
FEB	37 700	AUG	91 200
MAR	44 300	SEP	42 100
APR	43 500	OCT	72 200
MAY	43 700	NOV	46 100
JUN	67 300	DEC	43 400

TOTAL DISCHARGE, 630 000 dam³

DICKSON RESERVOIR NEAR DICKSON - STATION NO. 05CB008

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	945.273	943.458	941.499	940.122	940.932	944.847	946.571	946.085	946.110	947.888A	947.888	947.070	1
2	945.218	943.404	941.434	940.137	941.043	944.986	946.537	946.088	946.126	947.921A	947.875	947.018	2
3	945.162	943.341	941.371	940.191	941.184	945.147	946.735	946.120	946.143	947.987A	947.870	946.978	3
4	945.104	943.278	941.307	940.251	941.387	945.301	946.638	946.140	946.161	947.982A	947.881	946.929A	4
5	945.054	943.216	941.233	940.277	941.508	945.443	946.936	946.167	946.188	948.000A	947.881	946.878A	5
6	945.002	943.149	941.156	940.271	941.590	945.589	947.034	946.181	946.188	948.004A	947.878	946.848A	6
7	944.951	943.088	941.077	940.291	941.640	945.696	947.126	946.141	946.177	948.033A	947.872	946.808A	7
8	944.900	943.018	940.998	940.258	941.678	945.729	947.211	946.130	946.126	948.029A	947.861	946.778A	8
9	944.851	942.939	940.918	940.281	941.709	945.785	947.293	946.116	946.097	948.033A	947.848	946.758A	9
10	944.803	942.883	940.842	940.284	941.742	945.884	947.371	946.118	946.078	948.048A	947.811	946.738A	10
11	944.748	942.787	940.783	940.237	941.787	945.971	947.447	946.105	946.104	948.050A	947.808	946.718A	11
12	944.694	942.717	940.687	940.282	941.778	945.982	947.531	946.107	946.170A	948.048A	947.827	946.692A	12
13	944.634	942.637	940.607	940.427	941.777	945.898	947.598	946.118	946.044A	948.050A	947.788	946.667A	13
14	944.577	942.567	940.531	940.521	941.773	945.839	947.604	946.141	947.897A	948.048A	947.784	946.633A	14
15	944.523	942.491	940.455	940.621	941.772	945.861	947.644	946.158	947.889A	948.047A	947.788	946.618A	15
16	944.463	942.418	940.383	940.689	941.774	945.882	947.687	946.185	947.889A	948.043A	947.781	946.601A	16
17	944.408	942.350	940.320	940.742	941.782	945.890	947.740	946.152	947.891A	948.070A	947.791	946.581A	17
18	944.348	942.281	940.274	940.790	941.818	945.910	947.770	946.176	947.847A	948.074	947.778	946.558A	18
19	944.295	942.218	940.258	940.826	941.916	945.939	947.800	946.188	947.828A	948.074	947.743	946.528A	19
20	944.237	942.148	940.309	940.883	942.070	945.965	947.834	946.138	947.847A	948.085	947.693	946.508A	20
21	944.178	942.073	940.358	940.883	942.258	945.128	947.859	946.122	947.886A	948.055	947.591	946.468A	21
22	944.118	941.883	940.388	940.843	942.440	946.187	947.885	946.143	947.901A	948.046	947.523	946.468A	22
23	944.068	941.807	940.412	940.825	942.611	946.180	947.931	946.198	947.909A	948.040	947.476	946.463A	23
24	943.997	941.638	940.387	940.811	942.788	946.180	947.988	946.166	947.906A	948.037	947.420	946.427A	24
25	943.928	941.770	940.377	940.803	942.985	946.228	948.039	946.118	947.928A	948.029	947.378	946.408A	25
26	943.864	941.702	940.358	940.788	943.367	946.287	946.070	946.101	947.886A	948.027	947.322	946.389A	26
27	943.810	941.638	940.320	940.789	943.727	946.328	946.074	946.083	947.879A	948.020	947.287	946.334A	27
28	943.730A	941.572	940.276	940.785	943.989	946.381	946.078	946.088	947.814A	948.021	947.211	946.303A	28
29	943.670		940.232	940.808	944.238	946.432	946.080	946.085	947.886A	948.028	947.185	946.268A	29
30	943.598		940.184	940.853	944.470	946.493	946.078	946.083	947.880A	948.023	947.113	946.221A	30
31	943.939		940.144		944.691		946.081	946.084		948.009		946.178A	31
MEAN	946.462	942.530	940.841	940.585	942.283	945.914	947.807	946.128	947.896	948.027	947.700	946.606	MEAN
MAX	945.273	943.458	941.499	940.963	944.691	946.493	948.081	946.185	948.177	948.079	947.888	947.070	MAX
MIN	943.939	941.572	940.144	940.122	940.932	944.847	946.571	946.083	947.828	947.886	947.113	946.178	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MEAN, 946.218
MAXIMUM DAILY, 948.185 ON AUG 17
MINIMUM DAILY, 940.122 ON APR 1
MAXIMUM INSTANTANEOUS,
946.232 AT 19:45 MST ON SEP 13

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 02 26 N
LONG 114 12 53 W

A - MANUAL GAUGE

REGULATED SINCE 1983

DRAINAGE AREA,
9 800 km²

DOG RIVER NEAR FITZGERALD - STATION NO. 07NB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.850	2.940	2.310	2.000	13.30	21.3	7.73	2.80	1.93	0.902	0.5480	0.2580	1
2	4.700	2.920	2.280	3.000	15.30	20.9	7.32	2.53	1.86	0.857	0.5310	0.2670	2
3	4.600	2.870	2.280	1.950	20.10	19.8	6.96	2.51	1.54	0.876	0.5150	0.2500	3
4	4.480	2.850	2.260	1.990	25.90	18.9	6.63	2.51	1.52	0.910	0.5000	0.2410	4
5	4.350	2.820	2.240	1.850	30.80	18.1	6.30	2.58	1.50	0.885	0.4840	0.2760	5
6	4.200	2.800	2.220	1.990	26.30	17.3	6.10	2.58	1.47	0.863	0.4670	0.2700	6
7	4.100	2.760	2.210	1.990	24.8	16.7	5.78	2.54	1.47	0.847	0.4340	0.2670	7
8	4.000	2.730	2.200	1.980	25.4	16.1	5.56	2.45	1.40	0.828	0.4040	0.2650	8
9	3.900	2.690	2.190	1.980	26.0	15.6	5.38	2.40	1.36	0.849	0.3780	0.2650	9
10	3.850	2.650	2.180	1.980	25.5	15.3	5.18	2.33	1.35	0.810	0.3590	0.3000	10
11	3.780	2.650	2.170	1.980	25.1	14.9	5.02	2.24	1.32	0.806	0.3430	0.2610	11
12	3.700	2.630	2.160	1.970	25.9	14.4	4.77	2.24	1.30	0.807	0.3130	0.1730	12
13	3.650	2.600	2.150	1.970	25.3	13.9	4.63	2.19	1.29	0.808	0.3180	0.2200	13
14	3.600	2.590	2.130	1.970	25.0	13.5	4.48	2.14	1.28	0.829	0.3180	0.2670	14
15	3.550	2.570	2.120	1.970	24.2	13.2	4.30	2.10	1.27	0.801	0.3300	0.2490	15
16	3.500	2.550	2.110	2.280	23.6	12.9	4.17	2.06	1.24	0.785	0.3000	0.2640	16
17	3.450	2.530	2.080	2.250	22.9	12.6	4.10	2.02	1.23	0.787	0.2820	0.2650	17
18	3.420	2.500	2.100	2.270	22.1	12.3	3.88	1.95	1.18	0.788	0.2730	0.2490	18
19	3.380	2.480	2.060	2.510	21.8	11.7	3.78	1.88	1.15	0.785	0.2570	0.2610	19
20	3.340	2.470	2.070	2.550	21.0	11.5	3.69	1.84	1.10	0.782	0.2070	0.2700	20
21	3.330	2.480	2.060	2.510	20.9	11.3	3.56	1.78	1.04	0.780	0.2150	0.2780	21
22	3.300	2.440	2.050	2.480	20.1	11.0	3.46	1.77	1.02	0.7940	0.2220	0.2610	22
23	3.240	2.420	2.040	2.480	20.2	10.7	3.60	1.72	1.05	0.8310	0.1480	0.2860	23
24	3.200	2.400	2.030	2.470	27.2	10.4	3.36	1.67	1.04	0.8860	0.1860	0.2910	24
25	3.150	2.380	2.020	2.590	26.0	10.0	3.28	1.85	1.02	0.8620	0.1710	0.2950	25
26	3.120	2.370	2.020	2.910	25.2	9.81	3.12	1.89	0.971	0.8550	0.1700	0.2880	26
27	3.080	2.340	2.010	3.620	24.9	9.33	3.06	1.73	0.964	0.6430	0.2160	0.2990	27
28	3.050	2.330	2.010	4.200	23.5	8.88	2.98	1.73	0.939	0.6350	0.2790	0.3020	28
29	3.020		2.010	6.940	23.3	8.46	2.91	1.70	0.928	0.6180	0.2850	0.3070	29
30	3.000		2.010	11.8	22.6	8.08	2.80	1.69	0.847	0.6010	0.2950	0.3120	30
31	2.980		2.000		22.1		2.72	1.67		0.5840		0.3180	31
TOTAL	112.83	72.78	65.82	83.83	805.4	405.28	140.49	64.55	37.089	24.126	9.736	8.444	TOTAL
MEAN	3.64	2.60	2.12	2.79	25.2	13.5	4.53	2.08	1.24	0.778	0.324	0.272	MEAN
MAX	4.85	2.94	2.31	11.8	30.8	21.3	7.73	2.80	1.93	0.910	0.548	0.314	MAX
MIN	2.99	2.33	2.00	1.97	13.3	8.08	2.72	1.65	0.926	0.584	0.146	0.172	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.30
MAXIMUM DAILY, 30.8 ON MAY 10
MINIMUM DAILY, 0.1480 ON NOV 23
MAXIMUM INSTANTANEOUS,
30.8 AT 21:44 MST ON MAY 10

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 52 35 N
LONG 111 31 15 W
DRAINAGE AREA, 2 030 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 750	JUL	12 100
FEB	6 280	AUG	5 580
MAR	5 690	SEP	3 200
APR	7 230	OCT	2 080
MAY	78 300	NOV	840
JUN	35 300	DEC	730

TOTAL DISCHARGE, 187 000 dam³

DRAIN L-5 NEAR DIAMOND CITY - STATION NO. 05AD040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.021	0.011	0.077	0.009	0.041	---	---	1
2	---	---	---	---	0	0.018	0.008	0.078	0.008	0.029	---	---	2
3	---	---	---	---	0	0.019	0.007	0.082	0.008	0.009	---	---	3
4	---	---	---	---	0	0.015	0.009	0.084	0.008	0.022	---	---	4
5	---	---	---	---	0	0.017	0.004	0.048	0.010	0.027	---	---	5
6	---	---	---	---	0	0.032	0.003	0.037	0.010	0.044	---	---	6
7	---	---	---	---	0	0.038	0.003	0.041	0.007	0.058	---	---	7
8	---	---	---	---	0	0.028	0.007	0.048	0.007	0.054	---	---	8
9	---	---	---	---	0	0.013	0.016	0.030	0.008	0.058	---	---	9
10	---	---	---	---	0	0.027	0.016	0.030	0.028	0.082	---	---	10
11	---	---	---	---	0	0.027	0.018	0.015	0.047	0.084	---	---	11
12	---	---	---	---	0	0.027	0.025	0.018	0.071	0.048	---	---	12
13	---	---	---	---	0	0.027	0.015	0.007	0.081	0.029	---	---	13
14	---	---	---	---	0	0.010	0.012	0.001	0.058	0.011	---	---	14
15	---	---	---	---	0.014	0.014	0.005	0.011	0.058	0.004	---	---	15
16	---	---	---	---	0.019	0.025	0.023	0.008	0.032	0.001	---	---	16
17	---	---	---	---	0.011	0.050	0.018	0.008	0.018	0.001	---	---	17
18	---	---	---	---	0.007	0.018	0.018	0.007	0.041	0	---	---	18
19	---	---	---	---	0.011	0.015	0.012	0.007	0.071	0	---	---	19
20	---	---	---	---	0.015	0.028	0.009	0.007	0.068	0	---	---	20
21	---	---	---	---	0.011	0.025	0.009	0.008	0.088	0	---	---	21
22	---	---	---	---	0.007	0.018	0.028	0.007	0.050	0	---	---	22
23	---	---	---	0A	0.001	0.013	0.025	0.008	0.047	0	---	---	23
24	---	---	---	0	0.003	0.022	0.048	0.004	0.037	0	---	---	24
25	---	---	---	0	0.013	0.038	0.027	0.004	0.028	0	---	---	25
26	---	---	---	0	0.028	0.062	0.043	0.002	0.036	0	---	---	26
27	---	---	---	0	0.023	0.044	0.006	0.001	0.058	0	---	---	27
28	---	---	---	0	0.043	0.077	0.062	0.001	0.055	0	---	---	28
29	---	---	---	0	0.049	0.069	0.144	0.008	0.060	0	---	---	29
30	---	---	---	0	0.038	0.012	0.088	0.020	0.052	0	---	---	30
31	---	---	---		0.028		0.052	0.008		0 A		---	31
TOTAL	---	---	---	---	0.333	0.651	0.772	0.884	1.113	0.581	---	---	TOTAL
MEAN	---	---	---	---	0.011	0.038	0.025	0.021	0.037	0.018	---	---	MEAN
MAX	---	---	---	---	0.049	0.077	0.144	0.078	0.071	0.084	---	---	MAX
MIN	---	---	---	---	0	0.010	0.003	0.001	0.007	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.023
MAXIMUM DAILY, 0.144 ON JUL 28
MINIMUM DAILY, 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 20 N
LONG 112 51 20 W

A - MANUAL GAUGE

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	69.7
FEB	---	AUG	57.4
MAR	---	SEP	68.2
APR	---	OCT	46.5
MAY	35.8	NOV	---
JUN	73.8	DEC	---

TOTAL DISCHARGE, 371 dam³

DRAIN 5-10 NEAR BOW ISLAND - STATION NO. 05AJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.013A	0.005	0.004	0.495	0.057	0.023	---	---	1
2	---	---	---	---	0.012	0.005	0.519	0.438	0.050	0.043	---	---	2
3	---	---	---	---	0.011	0.006	0.653	0.605	0.101	0.103	---	---	3
4	---	---	---	---	0.011	0.016	0.651	0.644	0.068	0.105	---	---	4
5	---	---	---	---	0.010	0.064	0.811	0.789	0.038	0.113	---	---	5
6	---	---	---	---	0.008	0.188	0.430	0.668	0.028	0.128	---	---	6
7	---	---	---	---	0.007	0.181	0.305	0.728	0.026	0.108	---	---	7
8	---	---	---	---	0.007	0.177	0.680	0.882	0.020	0.093	---	---	8
9	---	---	---	---	0.008	0.138	0.385	0.648	0.017	0.108	---	---	9
10	---	---	---	---	0.008	0.188	0.387	0.374	0.017	0.119	---	---	10
11	---	---	---	---	0.008	0.208	0.278	0.512	0.014	0.108	---	---	11
12	---	---	---	---	0.018	0.184	0.287	0.614	0.118	0.085	---	---	12
13	---	---	---	---	0.013	0.288	0.337	0.801	0.170	0.033	---	---	13
14	---	---	---	---	0.011	0.605	0.508	0.380	0.048	0.024	---	---	14
15	---	---	---	---	0.009	0.370	0.881	0.731	0.022	0.017	---	---	15
16	---	---	---	---	0.007	0.386	0.582	0.506	0.013	0.010	---	---	16
17	---	---	---	---	0.008	0.553	0.489	0.318	0.008	0.008	---	---	17
18	---	---	---	---	0.004	0.323	0.805	0.240	0.007	0.005	---	---	18
19	---	---	---	---	0.004	0.438	0.765	0.284	0.006	0.005	---	---	19
20	---	---	---	---	0.003	0.480	0.410	0.237	0.005	0.005	---	---	20
21	---	---	---	---	0.002	0.550	0.509	0.341	0.005	0.004	---	---	21
22	---	---	---	---	0.002	0.183	0.885	0.611	0.006	0.004	---	---	22
23	---	---	---	---	0.002	0.271	0.306	0.234	0.003	0.003	---	---	23
24	---	---	---	---	0.002	0.431	0.326	0.112	0.006	0.003	---	---	24
25	---	---	---	---	0.006	0.882	0.343	0.131	0.005	0.003	---	---	25
26	---	---	---	---	0.004	0.660	0.655	0.168	0.004	0.003	---	---	26
27	---	---	---	---	0.004	0.548	0.757	0.117	0.004	0.003	---	---	27
28	---	---	---	---	0.003	0.514	0.705	0.032	0.003	0.003	---	---	28
29	---	---	---	---	0.005	0.689	0.844	0.012	0.002	0.002	---	---	29
30	---	---	---	---	0.019	0.388	0.643	0.007	0.004	0.002	---	---	30
31	---	---	---	---	0.007		0.388	0.028		0.002A		---	31
TOTAL	---	---	---	---	0.228	9.497	10.268	11.786	0.894	1.388	---	---	TOTAL
MEAN	---	---	---	---	0.007	0.317	0.524	0.381	0.030	0.041	---	---	MEAN
MAX	---	---	---	---	0.019	0.688	0.844	0.849	0.170	0.128	---	---	MAX
MIN	---	---	---	---	0.002	0.005	0.278	0.007	0.002	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.317
MAXIMUM DAILY, 0.849 ON AUG 6
MINIMUM DAILY, 0.002 ON MAY 31

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 40 N
LONG 111 24 50 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 400
FEB	---	AUG	1 020
MAR	---	SEP	77.2
APR	---	OCT	110
MAY	19.6	NOV	---
JUN	831	DEC	---

TOTAL DISCHARGE, 3 450 dam³

DRAIN 5-4 NEAR GRASSY LAKE - STATION NO. 05AJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.302	0.485	0.380	0.441	0.382	0	---	1
2	---	---	---	---	0	0.276	0.613	0.178	0.452	0.363	0	---	2
3	---	---	---	---	0	0.317	0.446	0.277	0.388	0.362	0	---	3
4	---	---	---	---	0	0.284	0.485	0.320	0.147	0.374	0	---	4
5	---	---	---	---	0	0.283	0.485	0.287	0.258	0.401	0A	---	5
6	---	---	---	---	0	0.255	0.441	0.487	0.581	0.432	---	---	6
7	---	---	---	---	0	0.336	0.432	0.315	0.732	0.440	---	---	7
8	---	---	---	---	0	0.403	0.318	0.168	0.748	0.387	---	---	8
9	---	---	---	---	0	0.333	0.381	0.220	0.888	0.387	---	---	9
10	---	---	---	---	0	0.353	0.384	0.188	0.832	0.373	---	---	10
11	---	---	---	---	0	0.408	0.193	0.182	0.308	0.2008	---	---	11
12	---	---	---	---	0	0.395	0.234	0.301	0.618	0.024	---	---	12
13	---	---	---	---	0	0.478	0.306	0.318	0.883	0.013	---	---	13
14	---	---	---	---	0	0.258	0.263	0.393	0.118	0.007	---	---	14
15	---	---	---	---	0	0.393	0.285	0.158	0.433	0.005	---	---	15
16	---	---	---	---	0.381	0.384	0.448	0.284	0.409	0.010	---	---	16
17	---	---	---	---	0.402	0.348	0.480	0.302	0.815	0.014	---	---	17
18	---	---	---	---	0.403	0.300	0.328	0.263	0.823	0.005	---	---	18
19	---	---	---	---	0.415	0.283	0.285	0.203	0.833	0.003	---	---	19
20	---	---	---	---	0.403	0.438	0.280	0.213	0.813	0.002	---	---	20
21	---	---	---	---	0.308	0.453	0.431	0.286	0.388	0	---	---	21
22	---	---	---	---	0.283	0.310	0.808	0.448	0.280	0	---	---	22
23	---	---	---	---	0.238	0.441	0.373	0.443	0.838	0	---	---	23
24	---	---	---	---	0.388	0.821	0.387	0.802	0.883	0	---	---	24
25	---	---	---	---	0.388	0.389	0.181	0.838	0.840	0	---	---	25
26	---	---	---	---	0.384	0.372	0.201	0.853	0.884	0	---	---	26
27	---	---	---	---	0.342	0.383	0.278	0.887	0.885	0	---	---	27
28	---	---	---	---	0.332	0.387	0.237	0.888	0.884	0	---	---	28
29	---		---	---	0.277	0.380	0.304	0.814	0.844	0	---	---	29
30	---		---	0A	0.313	0.383	0.273	0.801	0.887	0	---	---	30
31	---		---		0.381		0.388	0.408		0		---	31
TOTAL	---	---	---	---	5.371	10.888	10.838	10.851	13.988	4.303	---	---	TOTAL
MEAN	---	---	---	---	0.173	0.382	0.353	0.388	0.833	0.138	---	---	MEAN
MAX	---	---	---	---	0.415	0.821	0.813	0.853	0.744	0.440	---	---	MAX
MIN	---	---	---	---	0	0.388	0.183	0.148	0.118	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.317
MAXIMUM DAILY, 0.744 ON SEP 8
MINIMUM DAILY, 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	948
FEB	---	AUG	950
MAR	---	SEP	1 380
APR	---	OCT	383
MAY	404	NOV	---
JUN	937	DEC	---

TOTAL DISCHARGE, 5 040 dam³

DRAIN T-1 NEAR TABER - STATION NO. 05AG027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.005E	0.029	0.111	0.313	0.032	0.086	0.001	---	1
2	---	---	---	---	0.005A	0.046	0.161	0.350	0.026	0.116	0.001	---	2
3	---	---	---	---	0.003	0.010	0.168	0.193A	0.028	0.086	0.001	---	3
4	---	---	---	---	0.002	0.006	0.218	0.120E	0.031	0.053	0.001A	---	4
5	---	---	---	---	E	0.003	0.161	0.130E	0.029	0.036	---	---	5
6	---	---	---	---	0.001	0.011	0.155	0.139A	0.028	0.041	---	---	6
7	---	---	---	---	0.001	0.034	0.170	0.143A	0.016	0.029	---	---	7
8	---	---	---	---	0.001	0.047	0.209	0.130E	0.053	0.029	---	---	8
9	---	---	---	---	E	0.026	0.255	0.120E	0.049	0.016	---	---	9
10	---	---	---	---	E	0.105	0.234	0.273	0.046	0.032	---	---	10
11	---	---	---	---	0.004	0.104	0.150	0.243	0.047	0.027	---	---	11
12	---	---	---	---	0.020	0.128	0.155	0.255	0.152	0.013	---	---	12
13	---	---	---	---	0.065	0.140	0.172	0.100E	0.171	0.006	---	---	13
14	---	---	---	---	0.084	0.111	0.128	0.070E	0.088	0.003	---	---	14
15	---	---	---	---	0.063	0.098	0.118	0.040E	0.053	0.003E	---	---	15
16	---	---	---	---	0.008	0.110	0.143	0.080E	0.047	0.003A	---	---	16
17	---	---	---	---	0.020	0.041	0.202	0.030E	0.043	0.003E	---	---	17
18	---	---	---	---	0.032	0.057	0.286	0.010E	0.039	0.003E	---	---	18
19	---	---	---	---	0.030	0.138	0.295	0.001A	0.031	0.003E	---	---	19
20	---	---	---	---	0.031	0.144	0.302	E	0.031	0.001E	---	---	20
21	---	---	---	---	0.027	0.159	0.350	0.037	0.053	0.013	---	---	21
22	---	---	---	---	0.028	0.105	0.323	0.015	0.053	0.006	---	---	22
23	---	---	---	---	0.017	0.167	0.183	0.008	0.052	0.001	---	---	23
24	---	---	---	---	0.013	0.088	0.211	0.002	0.053	0.001	---	---	24
25	---	---	---	---	0.058	0.217A	0.184	0.001	0.057	E	---	---	25
26	---	---	---	---	0.050	0.170E	0.203	0.004	0.030	0	---	---	26
27	---	---	---	---	0.052	0.119A	0.286	0.014	0.033	0	---	---	27
28	---	---	---	---	0.051	0.085A	0.337	0.014	0.033	0	---	---	28
29	---		---	---	0.046	0.138	0.226	0.014	0.039	0.001	---	---	29
30	---		---	---	0.035	0.125	0.302	0.016	0.046	0.001	---	---	30
31	---		---		0.016		0.348	0.022		0.001	---	---	31
TOTAL	---	---	---	---	0.738	3.772	6.634	2.774	1.853	0.807	---	---	TOTAL
MEAN	---	---	---	---	0.023	0.092	0.214	0.089	0.062	0.030	---	---	MEAN
MAX	---	---	---	---	0.084	0.217	0.350	0.313	0.171	0.116	---	---	MAX
MIN	---	---	---	---	0	0.003	0.111	0	0.016	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.082
MAXIMUM DAILY, 0.350 ON JUL 21
MINIMUM DAILY, 0 ON MAY 5

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 10 N
LONG 112 13 53 W

A - MANUAL GAUGE

E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	573
FEB	---	AUG	240
MAR	---	SEP	134
APR	---	OCT	52.4
MAY	63.8	NOV	---
JUN	240	DEC	---

TOTAL DISCHARGE, 1 300 dam³

DRIEDMEAT CREEK NEAR THE MOUTH - STATION NO. 05PA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.020E	4.62 E	0.506	0.048	0.210	0.002	0.023	0.022	0.038	---	1
2	---	---	0.020E	5.55 E	0.418	0.057	0.080	0.003	0.013	0.025	0.044	---	2
3	---	---	0.020E	4.92 E	0.360	0.047	0.045	0.005	0.015	0.030	0.038	---	3
4	---	---	0.020E	3.85 E	0.310	0.050	0.027	0.004	0.017	0.025	0.036	---	4
5	---	---	0.020E	3.76	0.310	0.049	0.024	0.002	0.043	0.027	0.037	---	5
6	---	---	0.020E	3.96	0.310	0.045	0.023	0.003	0.024	0.030	0.035A	---	6
7	---	---	0.020E	2.07	0.330	0.072	0.021	0.013	0.022	0.030	---	---	7
8	---	---	0.020E	1.83	0.230	0.065	0.021	0.054	0.018	0.028	---	---	8
9	---	---	0.020E	1.48	0.330	0.048	0.021	0.044	0.019	0.035	---	---	9
10	---	---	0.020E	2.42	0.310	0.059	0.023	0.099	0.020	0.041	---	---	10
11	---	---	0.020E	3.11	0.290	0.050	0.044	0.053	0.028	0.036	---	---	11
12	---	---	0.020E	2.76	0.280	0.046	0.100	0.044	0.088	0.041	---	---	12
13	---	---	0.023E	2.74	0.280	0.055	0.100	0.039	0.038	0.034	---	---	13
14	---	---	0.048E	2.66	0.230	0.078	0.013	0.035	0.023	0.036	---	---	14
15	---	---	0.130E	2.85	0.210	0.060	0.033	0.070	0.018	0.045	---	---	15
16	---	---	0.360E	3.41	0.170	0.038	0.017	0.048	0.017	0.044	---	---	16
17	---	---	0.758E	3.11	0.140	0.033	0.008	0.031	0.018	0.040	---	---	17
18	---	---	1.81 E	1.75	0.110	0.031	0.004	0.032	0.018	0.042	---	---	18
19	---	---	1.88 E	1.85	0.082	0.031	0.039	0.017	0.012	0.032	---	---	19
20	---	---	2.82 E	1.88	0.078	0.029	0.036	0.031	0.011	0.034	---	---	20
21	---	---	1.80 E	1.38	0.082	0.023	0.023	0.082	0.009	0.038	---	---	21
22	---	---	1.69 E	1.16	0.054	0.021	0.008	0.188	0.181	0.042	---	---	22
23	---	---	1.51 E	1.02	0.048	0.018	0.010	0.095	0.014	0.033	---	---	23
24	---	---	3.12 E	0.855	0.060	0.026	0.013	0.048	0.024	0.033	---	---	24
25	---	---	8.05 E	0.853	0.088	0.023	0.008	0.045	0.057	0.058	---	---	25
26	---	---	4.86 E	1.12	0.052	0.033	0.007	0.038	0.043	0.027	---	---	26
27	---	---	3.78 E	0.843	0.055	0.037	0.004	0.027	0.028	0.027	---	---	27
28	---	---	3.67 E	0.485	0.104	0.036	0.004	0.027	0.048	0.035	---	---	28
29	---		2.44 E	0.533	0.178	0.040	0.005	0.018	0.038	0.037	---	---	29
30	---		2.55 E	0.481	0.130	0.050	0.004	0.030	0.038	0.037	---	---	30
31	---		2.52 E		0.111		0.003	0.022		0.323	---	---	31
TOTAL	---	---	40.548	62.943	6.385	1.358	0.843	1.183	1.719	1.272	---	---	TOTAL
MEAN	---	---	1.31	2.10	0.202	0.042	0.030	0.038	0.057	0.041	---	---	MEAN
MAX	---	---	8.05	5.55	0.506	0.072	0.210	0.188	0.815	0.233	---	---	MAX
MIN	---	---	0.020	0.481	0.048	0.018	0.003	0.002	0.009	0.022	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.476
MAXIMUM DAILY, 5.55 E ON APR 2
MINIMUM DAILY, 0.002 ON AUG 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 52 53 N
LONG 112 36 20 W
DRAINAGE AREA, 1 150 km²
A - MANUAL GAUGE
E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	81.5
FEB	---	AUG	102
MAR	3 500	SEP	146
APR	5 440	OCT	110
MAY	841	NOV	---
JUN	199	DEC	---

TOTAL DISCHARGE, 10 000 dam³

BRIDGMEAT LAKE AT OUTFLOW - STATION NO. 08FA020

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	884.846	885.020	884.844	884.509	884.355	884.344	884.357	---	---	1
2	---	---	---	884.893	885.000	884.847	884.511	884.387	884.352	884.356	---	---	2
3	---	---	---	884.924	884.989	884.824	884.516	884.385	884.327	884.416	---	---	3
4	---	---	---	884.962	885.019	884.590	884.492	884.386	884.313	884.347	---	---	4
5	---	884.958	---	885.010	885.009	884.828	884.500	884.383	884.419	884.370	---	---	5
6	---	---	---	885.050	884.923	884.863	884.492	884.359	884.380	884.356	---	---	6
7	---	---	---	885.102	884.937	884.828	884.490	884.330	884.379	884.359	---	---	7
8	---	---	---	885.135	884.927	884.885	884.481	884.418	884.370	884.350	---	---	8
9	---	---	---	885.171	884.913	884.811	884.482	884.380	884.382	884.336	---	---	9
10	---	---	---	885.219	884.905	884.817	884.471	884.375	884.341	884.386	---	---	10
11	---	---	---	885.287	884.935	884.887	884.474	884.388	884.352	884.363	---	---	11
12	---	---	---	885.346	884.895	884.885	884.475	884.401	884.354	884.425	---	---	12
13	---	---	---	885.407	884.816	884.890	884.470	884.376	884.364	884.376	---	---	13
14	---	---	---	885.450	884.841	884.859	884.465	884.383	884.376	884.381	---	---	14
15	---	---	---	885.480	884.808	884.803	884.465	884.383	884.372	884.385	---	---	15
16	---	---	---	885.482	884.788	884.882	884.433	884.382	884.402	884.381	---	---	16
17	---	---	---	885.490	884.784	884.872	884.436	884.358	884.408	884.383	---	---	17
18	---	---	---	885.485	884.780	884.836	884.433	884.339	884.389	884.378	---	---	18
19	---	---	---	885.480	884.743	884.858	884.443	884.394	884.384	884.381	---	---	19
20	---	---	---	885.486	884.759	884.873	884.436	884.358	884.384	884.387	---	---	20
21	---	---	---	885.386	884.743	884.847	884.431	884.241	884.424	884.383	---	---	21
22	---	---	884.780	885.334	884.732	884.850	884.453	884.213	884.404	884.403	---	---	22
23	---	---	884.775	885.286	884.718	884.838	884.430	884.226	884.352	884.438	---	---	23
24	---	---	884.783	885.237	884.707	884.862	884.447	884.238	884.425	884.407	---	---	24
25	---	---	884.785	885.188	884.701	884.873	884.416	884.192	884.362	884.422	---	---	25
26	---	---	884.796	885.114	884.893	884.817	884.462	884.211	884.459	884.407	---	---	26
27	---	---	884.806	885.119	884.886	884.878	884.417	884.[illegible]	884.389	884.426	---	---	27
28	---	---	884.808	885.089	884.891	884.880	884.393	884.243	884.346	884.463	---	---	28
29	---		884.808	885.040	884.882	884.896	884.367	884.260	884.330	884.461	---	---	29
30	---		884.807	885.035	884.877	884.887	884.373	884.225	884.344	884.454	---	---	30
31	---		884.818		884.880		884.347	884.226		884.465		---	31
MEAN	---	---	---	885.217	884.823	884.879	884.451	884.313	884.383	884.391	---	---	MEAN
MAX	---	---	---	885.492	885.020	884.885	884.516	884.419	884.459	884.486	---	---	MAX
MIN	---	---	---	884.846	884.677	884.678	884.347	884.192	884.327	884.334	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1985

MAXIMUM DAILY, 885.492 ON APR 16
MINIMUM DAILY, 884.192 ON AUG 25
MAXIMUM INSTANTANEOUS,
885.514 AT 08:07 MST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 47 20 N
LONG 112 43 30 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED

DRAINAGE AREA,
7 240 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRIFTPILE RIVER NEAR DRIFTPILE - STATION NO. 07BH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1408	0.9698	20.1	7.06	4.45	0.725E	0.850	8.50	---	---	1
2	---	---	0.1438	0.7068	28.6	5.64	3.85	0.655E	1.35	7.30	---	---	2
3	---	---	0.1438	0.9648	55.0	4.77	3.13	0.610E	1.45	7.49	---	---	3
4	---	---	0.1448	0.8398	67.1	3.98	2.81	0.575E	1.41	13.2	---	---	4
5	---	---	0.1508	0.8338	49.9	3.57	2.57	0.558A	2.08	10.9	---	---	5
6	---	---	0.1508	0.7618	39.1	3.20	2.38	0.565E	6.84	9.32	---	---	6
7	---	---	0.1508	0.7198	34.9	2.88	2.10	0.560E	5.75	7.89	---	---	7
8	---	---	0.1458	1.05 B	32.6	2.58	1.88	0.600E	4.53	8.58	---	---	8
9	---	---	0.1508	2.00 B	31.5	2.45	1.74	0.700E	4.12	8.65	---	---	9
10	---	---	0.1758	5.47 B	28.6	2.39	1.82	0.820E	3.87	8.49	---	---	10
11	---	---	0.1808	12.1 B	26.2	2.26	1.83	0.870E	3.08	8.41	---	---	11
12	---	---	0.1808	12.3 B	25.4	2.11	1.71	0.800E	2.87	8.85	---	---	12
13	---	---	0.2058	16.5 B	22.6	1.84	1.58	0.690E	2.97	8.30	---	---	13
14	---	---	0.2158	37.0 B	21.7	1.81	1.51	0.857A	12.3 A	9.83	---	---	14
15	---	---	0.3308	30.3 A	20.4	1.78	1.67	1.27 A	10.3 A	13.4	---	---	15
16	---	---	0.2808	25.5	19.7	2.44	1.67	2.30 E	8.04	14.8	---	---	16
17	---	---	0.3008	26.8	20.6	5.69	1.45	2.84 A	13.7	14.8	---	---	17
18	---	---	0.2808	28.4	22.5	4.50	1.25	2.30 E	13.5	13.0	---	---	18
19	---	---	0.3108	28.1	16.5	3.36	1.18	1.89 A	8.73	9.47	---	---	19
20	---	---	0.4208	26.1	15.5	3.02	1.08	1.38 E	6.80	8.08	---	---	20
21	---	---	0.5108	18.2	13.4 A	2.67	0.931	1.30 E	6.89	7.62	---	---	21
22	---	---	0.4908	6.74 A	11.6 A	4.10	0.887	1.02 E	31.5	6.88	---	---	22
23	---	---	1.00 B	12.4	9.89A	4.07	0.796	0.885E	22.5	6.33	---	---	23
24	---	---	0.9408	14.6	8.26A	5.17	0.768	0.775A	18.7	5.84	---	---	24
25	---	---	0.6838	18.3	6.87	41.3	0.715	0.680E	29.9	4.88	---	---	25
26	---	---	0.5008	18.3	6.18	33.3	1.73	0.676A	22.2	4.84	---	---	26
27	---	---	0.7238	20.3	8.94	16.4	1.88	1.08	28.7	3.82	---	---	27
28	---	---	0.5018	21.7	9.82	10.1	1.85	0.916	18.7	3.84A	---	---	28
29	---		0.5408	18.3	9.41	7.88	1.34 A	0.829	13.2	3.50E	---	---	29
30	---		0.4948	18.1	8.37	6.87	1.18 E	0.878	10.3	3.80E	---	---	30
31	---		0.4778		7.80		0.893A	0.712		4.05E		---	31
TOTAL	---	---	11.885	424.035	703.48	188.83	54.462	31.309	319.870	236.35	---	---	TOTAL
MEAN	---	---	0.383	14.1	22.7	6.30	1.76	1.01	10.7	7.62	---	---	MEAN
MAX	---	---	1.00	37.0	67.1	41.3	4.45	2.84	31.5	14.8	---	---	MAX
MIN	---	---	0.140	0.585	6.82	1.76	0.715	0.558	0.850	3.50	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.04
MAXIMUM DAILY, 67.1 ON MAY 4
MINIMUM DAILY, 0.1408 ON MAR 1
MAXIMUM INSTANTANEOUS,
75.5 AT 08:30 MST ON MAY 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 20 48 N
LONG 115 47 39 W
DRAINAGE AREA, 837 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4 700
FEB	---	AUG	3 700
MAR	1 030	SEP	27 800
APR	36 800	OCT	20 400
MAY	60 800	NOV	---
JUN	16 300	DEC	---

TOTAL DISCHARGE, 170 000 dam³

DRIFTWOOD RIVER NEAR THE MOUTH - STATION NO. 07EK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.47 B	1.178	1.40 B	0.8438	39.5	11.8	7.48	3.06 E	0.946	7.31	5.45	1.80 B	1
2	1.47 B	1.158	1.18 B	1.19 B	43.9A	11.1	7.33	2.80 E	0.980	6.71	5.41	1.32 B	2
3	1.51 B	1.148	1.01 B	1.12 B	59.9E	10.1	6.88	2.60 E	1.09	6.58	4.84	1.25 B	3
4	1.45 B	1.138	0.9448	0.9548	79.4E	9.12	6.37	2.40 E	1.18	7.60	4.028	1.20 B	4
5	1.32 B	1.138	0.8678	0.9878	82.7E	8.09	6.07	2.55 E	1.45	8.76	3.608	1.15 B	5
6	1.30 B	1.148	0.8278	1.51 B	61.2A	6.93	5.44	2.60 E	2.13	8.57	2.588	1.12 B	6
7	1.13 B	1.148	0.8418	1.70 B	58.5	7.35	4.98	2.45 E	2.84	8.17	2.068	1.10 B	7
8	1.08 B	1.148	0.8308	1.87 B	56.6	6.61	4.72	2.20 E	2.87	7.51	1.988	1.08 B	8
9	1.09 B	1.138	0.8118	2.40 B	54.9	5.87	4.60	2.00 E	3.28	6.48	1.788	1.07 B	9
10	1.08 B	1.108	0.7938	2.35 B	53.1	5.61	4.39	1.85 E	3.00	5.92	1.738	1.05 B	10
11	0.9638	1.198	0.7138	2.97 B	50.8	5.63	4.18	1.72 E	1.83	5.54	1.678	1.03 B	11
12	1.12 B	1.258	0.6978	3.28 B	47.9	5.16	3.85	1.62 E	1.78	5.26	1.648	1.09 B	12
13	1.32 B	1.318	0.7078	3.37 B	44.6	4.87	3.22	1.57 E	1.70	5.02	1.678	1.04 B	13
14	1.02 B	1.398	0.6808	13.4 B	41.4	4.85	3.04	1.80 E	1.78	7.82	1.758	1.03 B	14
15	0.9628	1.448	0.6198	17.7 B	38.2	3.92	2.89	1.48 E	2.09	7.83	1.858	1.02 B	15
16	1.08 B	1.458	0.6058	19.4 B	37.4	3.78	2.74	1.38 E	2.74	8.14	1.908	1.04 B	16
17	1.28 B	1.448	0.5948	18.2 B	36.3	4.18	2.73	1.29 E	2.78	8.08	1.858	1.08 B	17
18	1.34 B	1.438	0.6218	21.0 B	32.9	4.86	2.56	1.18 E	3.67	8.48	1.808	1.17 B	18
19	1.28 B	1.398	0.6288	21.1 B	30.9	4.20	2.32	1.13 E	3.71	8.31	1.788	1.38 B	19
20	1.28 B	1.288	0.7198	27.3	29.0	3.84	2.15	1.10 E	3.28	9.06	1.708	1.47 B	20
21	1.18 B	1.218	0.7178	20.9	26.8	3.43	2.12	1.07 E	3.44	9.04	1.688	1.59 B	21
22	1.30 B	1.148	0.7108	17.3	24.9	3.60	1.87	1.05 E	4.71	8.72	1.638	1.64 B	22
23	1.38 B	1.158	0.7578	19.6	23.0	3.61	1.83	1.03 E	5.00	8.54	1.698	1.53 B	23
24	1.60 B	1.188	0.7308	20.6	21.5	4.25	1.78	1.02 E	5.99	8.19	1.788	1.38 B	24
25	1.70 B	1.308	0.7318	23.2	19.8	11.0	1.72	1.00 E	8.84	8.07	1.908	1.18 B	25
26	1.55 B	1.368	0.7578	28.1	18.2	17.9	1.90	1.10 E	10.2	7.51	1.858	1.20 B	26
27	1.60 B	1.358	0.7628	32.3	16.9	14.3	2.04	1.30 E	13.4	7.23	1.828	1.09 B	27
28	1.43 B	1.478	0.7518	38.2	15.6	11.6	3.54	1.18 A	11.6	7.21	1.788	0.9988	28
29	1.28 B		0.7288	38.1	14.8	9.92	3.92	1.13	9.41	6.24	1.808	1.04 B	29
30	1.15 B		0.7098	38.2	14.1	8.47	3.63	1.05	8.09	5.71	1.508	1.04 B	30
31	1.18 B		0.6868		13.0		3.37A	0.991		5.13		0.9718	31
TOTAL	39.755	35.09	24.072	447.354	1 186.1	215.53	114.91	60.391	123.606	234.61	88.24	36.779	TOTAL
MEAN	1.28	1.25	0.777	14.9	38.3	7.18	3.71	1.63	4.12	7.57	2.27	1.19	MEAN
MAX	1.70	1.47	1.40	39.1	82.7	17.9	7.48	3.06	13.4	9.31	5.45	1.64	MAX
MIN	0.882	1.10	0.594	0.843	13.0	3.43	1.83	0.991	0.946	5.24	1.50	0.971	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.05
MAXIMUM DAILY, 82.7E ON MAY 5
MINIMUM DAILY, 0.5948 ON MAR 17
MAXIMUM INSTANTANEOUS,
90.9E AT 04:30 MST ON MAY 5

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 19 19 N
LONG 116 13 54 W
DRAINAGE AREA, 2 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 430	JUL	9 930
FEB	3 030	AUG	4 380
MAR	2 080	SEP	10 700
APR	38 700	OCT	20 300
MAY	103 000	NOV	5 800
JUN	18 600	DEC	3 180

TOTAL DISCHARGE, 223 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS ESTIMATED BY HYDROGRAPH COMPARISON AND EXISTING CHART

DRY COULEE NEAR MAGRATH - STATION NO. 05AE041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---									
2	---	---	---	---	0.014	0.518	0.308	0.483	0.013	0.027	---	---	1
3	---	---	---	---	0.013	0.330	0.388	0.741	0.013	0.026	---	---	2
4	---	---	---	---	0.012	0.362	0.393	0.538	0.016	0.029	---	---	3
5	---	---	---	---	0.010	0.304	0.483	0.570	0.036	0.0768	---	---	4
					0.008	0.347	0.744	0.617	0.075	0.2398	---	---	5
6	---	---	---	---									
7	---	---	---	---	0.007	0.435	1.02	0.427	0.383	0.2808	---	---	6
8	---	---	---	---	0.007	0.517	1.00	0.348	0.247	0.3008	---	---	7
9	---	---	---	---	0.007	0.340	1.48	0.179	0.086	0.2678	---	---	8
10	---	---	---	---	0.007	0.267	1.18	0.301	0.077	0.2708	---	---	9
					0.007	0.441	1.20	0.267	0.068	0.285	---	---	10
11	---	---	---	---									
12	---	---	---	---	0.006	0.726	0.805	0.337	0.052	0.683	---	---	11
13	---	---	---	---	0.007	0.688	0.599	0.586	3.16	0.377	---	---	12
14	---	---	---	---	0.007	0.784	0.652	0.535	2.73	0.170	---	---	13
15	---	---	---	---	0.007	0.411	0.532	0.336	0.309	0.121	---	---	14
					0.007	0.364	0.479	0.382	0.171	0.101	---	---	15
16	---	---	---	---									
17	---	---	---	---	0.007	0.504	0.618	0.765	0.112	0.084	---	---	16
18	---	---	---	---	0.007	0.489	0.770	0.185	0.082	0.084	---	---	17
19	---	---	---	---	0.007	0.473	1.01	0.146	0.068	0.042	---	---	18
20	---	---	---	---	0.007	0.507	0.491	0.136	0.068	0.037	---	---	19
					0.031	0.558	0.478	0.133	0.064	0.034	---	---	20
21	---	---	---	---									
22	---	---	---	---	0.096	0.619	0.412	0.530	0.059	0.030	---	---	21
23	---	---	---	---	0.126	0.655	0.521	0.432	0.058	0.029	---	---	22
24	---	---	---	---	0.228	0.573	0.645	0.197	0.064	0.027	---	---	23
25	---	---	---	---	0.184	0.492	1.23	0.072	0.071	0.024	---	---	24
					0.312	0.597	0.808	0.039	0.064	0.023	---	---	25
26	---	---	---	---									
27	---	---	---	---	0.651	0.508	0.863	0.023	0.048	0.023	---	---	26
28	---	---	---	---	1.10	0.526	0.747	0.021	0.041	0.021	---	---	27
29	---		---	---	0.700	0.500	0.888	0.023	0.035	0.024A	---	---	28
30	---		---	---	0.758	0.242	1.14	0.020	0.030	0.023E	---	---	29
31	---		---	0.020A	0.685	0.282	0.908	0.017	0.029	0.023E	---	---	30
					0.500		0.518	0.014		0.021E			31
TOTAL	---	---	---	---	5.529	16.479	24.367	9.182	6.326	3.771	---	---	TOTAL
MEAN	---	---	---	---	0.178	0.583	0.786	0.295	0.276	0.122	---	---	MEAN
MAX	---	---	---	---	1.10	0.818	1.48	0.765	3.16	0.683	---	---	MAX
MIN	---	---	---	---	0.006	0.242	0.308	0.014	0.013	0.021	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.357
MAXIMUM DAILY, 3.16 ON SEP 12
MINIMUM DAILY, 0.006 ON MAY 11

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 39 N
LONG 112 55 48 W
DRAINAGE AREA, 84.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 100
FEB	---	AUG	781
MAR	---	SEP	719
APR	---	OCT	330
MAY	477	NOV	---
JUN	1 350	DEC	---

TOTAL DISCHARGE, 5 880 dam³

DRYWOOD CREEK NEAR THE MOUTH - STATION NO. 05AD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4595	0.2058	0.3818	0.7738	4.67	8.52	2.13	0.845	1.24	4.73	3.79	2.90 B	1
2	0.4638	0.2005	0.3758	1.19 B	5.31	8.42	2.02	0.893	1.37	4.50	3.80	2.35 B	2
3	0.5118	0.1988	0.3708	1.31 B	6.62	7.46	1.92	0.636	1.34	4.38	3.38	2.07 B	3
4	0.4838	0.1958	0.3658	0.9488	7.63	8.64	1.86	0.538	1.24	4.02	3.29	2.12 B	4
5	0.5068	0.1908	0.3758	0.8608	6.50	8.05	1.85	0.490	1.35	3.87	3.24 B	2.75 B	5
6	0.4818	0.1948	0.3888	0.9048	5.33	5.85	1.82	0.488	2.00	4.08	2.90 B	2.52 B	6
7	0.4618	0.2038	0.4068	0.8268	4.56	5.03	1.80	0.486	1.61	3.978	2.76 B	1.82 B	7
8	0.4348	0.2138	0.3888	0.4918	4.18	10.4	1.48	0.481	1.64	3.448	2.71 B	1.55 B	8
9	0.4088	0.2098	0.3968	1.07 B	3.88	9.69	1.40	0.535	2.08	3.188	2.25 B	1.30 B	9
10	0.3918	0.2128	0.3828	1.29 B	3.91	7.90	1.38	0.854	2.05	3.07	2.19 B	1.23 B	10
11	0.3738	0.2318	0.3698	1.46 B	3.84	8.56	1.31	0.834	4.46	3.51	2.25 B	1.05 B	11
12	0.3658	0.2308	0.3578	1.36 B	3.37	6.82	1.16	1.11	17.3	3.89	2.45 B	1.15 B	12
13	0.3638	0.2188	0.3698	1.64 B	3.10	5.86	1.24	1.30	20.6	3.46	2.86 B	1.17 B	13
14	0.3468	0.2518	0.4068	1.67 B	3.01	5.78	1.26	1.06	12.5	3.38	2.98 B	1.20 B	14
15	0.3388	0.2538	0.4568	1.53	2.89	5.36	1.18	1.80	8.94	4.08	2.51 B	1.18 B	15
16	0.3388	0.2918	0.5378	1.37	3.19	5.26	1.13	5.36	7.08	5.47	1.58 B	1.15 B	16
17	0.3348	0.2888	0.4008	1.28	3.82	4.85	1.19	5.47	5.35	5.64	0.9578	0.9388	17
18	0.3288	0.3098	0.4978	1.13	4.77	4.29	1.18	5.59	5.19	5.18	0.7238	0.7288	18
19	0.3218	0.3448	0.6988	1.42	5.18	3.70	1.06	4.77	5.36	4.74	0.6818	0.6188	19
20	0.3168	0.3108	0.8318	1.34	7.61	4.43	1.03	4.00	4.82	5.08	0.7638	0.5748	20
21	0.3048	0.3378	0.7858	1.54	8.37	4.49	0.846	3.49	5.43	5.16	0.6868	0.5938	21
22	0.2988	0.2968	0.7228	1.73	8.78	3.77	0.885	2.98	5.06	4.93	1.02 B	0.5508	22
23	0.2788	0.3318	0.5688	1.66	9.10	3.41	0.949	2.66	5.79	4.68	1.15 B	0.4878	23
24	0.2808	0.3478	0.5788	1.59	8.19	3.13	0.992	2.26	5.42	4.28	1.30 B	0.4868	24
25	0.2708	0.3368	0.4698	1.81	10.3	2.93	0.864	1.84	5.05	4.78	1.50 B	0.4848	25
26	0.2658	0.3668	0.4758	1.73	10.7	2.71	0.790	1.74	5.37	5.05	1.85 B	0.4818	26
27	0.2568	0.3928	0.4758	1.59	8.73	2.46	0.780	1.69	5.03	4.86	1.77 B	0.4028	27
28	0.2528	0.3988	0.4568	2.50	7.67	2.28	0.761	1.63	5.43	5.21	1.82 B	0.4318	28
29	0.2488		B 0.4328	4.89	7.18	2.25	0.720	1.61	5.02	5.24	1.65 B	0.4918	29
30	0.2258		B 0.4668	4.84	7.17	2.26	0.687	1.34	4.75	4.86	1.92 B	0.5058	30
31	0.2158		B 0.4718		8.82		0.667	1.30		4.37		0.4788	31
TOTAL	10.929	7.536	15.846	48.073	188.66	158.56	37.667	60.301	184.31	136.23	82.780	38.726	TOTAL
MEAN	0.353	0.269	0.505	1.60	6.09	5.29	1.22	1.94	6.48	4.39	2.98	1.18	MEAN
MAX	0.511	0.399	0.898	4.89	10.7	10.4	2.13	5.47	20.6	5.64	3.79	3.13	MAX
MIN	0.215	0.180	0.357	0.773	2.89	2.25	0.667	0.481	1.24	3.07	0.891	0.402	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.54
MAXIMUM DAILY, 20.6 ON SEP 13
MINIMUM DAILY, 0.1908 ON FEB 5
MAXIMUM INSTANTANEOUS,
27.3 AT 22:05 MST ON SEP 12

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 38 N
LONG 113 47 35 W
DRAINAGE AREA, 238 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	944	JUL	3 250
FEB	651	AUG	5 200
MAR	1 350	SEP	14 200
APR	4 150	OCT	11 800
MAY	16 300	NOV	5 420
JUN	13 700	DEC	3 170

TOTAL DISCHARGE, 80 100 dam³

DRYWOOD CREEK NEAR TWIN BUTTE - STATION NO. 05AD016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0708	0.890	1.84 E	0.488	0.193	0.306	0.562	---	---	1
2	---	---	---	0.0888	1.04	1.72 E	0.454	0.195	0.317	0.907	---	---	2
3	---	---	---	0.1008	1.32	1.48 E	0.439	0.188	0.306	0.878	---	---	3
4	---	---	---	0.1208	1.28	1.36 E	0.424	0.180	0.305	0.808	---	---	4
5	---	---	---	0.0828	1.06	1.32	0.416	0.180	0.308	0.770	---	---	5
6	---	---	---	0.0828	0.867	1.28 E	0.401	0.172	0.352	0.800	---	---	6
7	---	---	---	0.0588	0.867	1.28 E	0.383	0.186	0.335	0.7048	---	---	7
8	---	---	---	0.0808	0.857	1.84 E	0.368	0.178	0.358	0.7638	---	---	8
9	---	---	---	0.0608	0.859	1.78 E	0.338	0.178	0.434	0.8228	---	---	9
10	---	---	---	0.1008	0.860	1.46 E	0.323	0.202	0.581	0.439	---	---	10
11	---	---	---	0.1328	0.833	1.33 E	0.308	0.187	0.834	0.570	---	---	11
12	---	---	---	0.2008	0.801	1.15 E	0.304	0.235	3.32 E	0.723	---	---	12
13	---	---	---	0.3408	0.772	1.15 E	0.311	0.219	3.66 E	0.892	---	---	13
14	---	---	---	0.4608	0.784	1.30 E	0.308	0.267	2.32	0.885	---	---	14
15	---	---	---	0.4308	0.834	1.14	0.284	0.576	1.61	0.813	---	---	15
16	---	---	---	0.4008	0.857	1.08 E	0.280	1.02	1.62	1.02	---	---	16
17	---	---	---	0.3808	1.13	0.723	0.288	1.05	1.39	0.883	---	---	17
18	---	---	---	0.3888	1.34	0.607	0.265	0.972	1.26	0.902	---	---	18
19	---	---	---	0.423	1.88	0.454	0.275	0.881	1.14	0.887	---	---	19
20	---	---	---	0.440	1.91	0.595	0.255	0.740	1.07	0.887	---	---	20
21	---	---	---	0.424	2.08	0.578E	0.258	0.686	1.18	1.01	---	---	21
22	---	---	---	0.421	2.21	0.708E	0.264	0.581	1.13	0.972	---	---	22
23	---	---	---	0.427	2.30	0.785E	0.264	0.521	1.05	0.818	---	---	23
24	---	---	---	0.418	2.34	0.732E	0.250	0.484	0.882	0.852	---	---	24
25	---	---	---	0.424	2.26	0.677E	0.240	0.418	0.848	0.868	---	---	25
26	---	---	---	0.412	2.70	0.606	0.230	0.407	1.06	1.01	---	---	26
27	---	---	---	0.419	2.18	0.668	0.227	0.382	1.07	0.868	---	---	27
28	---	---	---	0.771	1.87	0.643	0.224	0.370	0.887	1.00 A	---	---	28
29	---		---	0.884	1.58	0.628	0.218	0.366	0.848	1.06 E	---	---	29
30	---		---	0.903	1.17	0.618	0.213	0.331	0.843	1.06 E	---	---	30
31	---		---		1.48 E		0.208	0.312		1.06 E	---	---	31
TOTAL	---	---	---	10.085	43.481	30.859	9.849	12.804	32.145	28.874	---	---	TOTAL
MEAN	---	---	---	0.338	1.40	1.02	0.308	0.413	1.07	0.887	---	---	MEAN
MAX	---	---	---	0.884	2.70	1.84	0.488	1.08	3.66	1.08	---	---	MAX
MIN	---	---	---	0.068	0.772	0.454	0.208	0.188	0.306	0.439	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.775
MAXIMUM DAILY, 3.66E ON SEP 13
MINIMUM DAILY, 0.0588 ON APR 7

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 16 00 N
LONG 114 00 30 W
DRAINAGE AREA, 29.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	635
FEB	---	AUG	1 110
MAR	---	SEP	3 760
APR	871	OCT	3 320
MAY	3 760	NOV	---
JUN	3 670	DEC	---

TOTAL DISCHARGE, 14 300 dam³

DUTCH CREEK NEAR THE MOUTH - STATION NO. 05AA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2.06	5.21	1.57	0.626	0.482	1.07	---	---	1
2	---	---	---	---	2.62	5.16	1.48	0.624	0.528	1.04	---	---	2
3	---	---	---	---	3.33	4.73	1.43	0.627	0.512	1.06	---	---	3
4	---	---	---	---	2.96	4.29	1.38	0.595	0.553	0.987	---	---	4
5	---	---	---	---	3.36	4.09	1.33	0.588	0.536	0.978	---	---	5
6	---	---	---	---	3.16	3.80	1.27	0.585	0.618	1.02	---	---	6
7	---	---	---	---	2.24	7.48	1.22	0.555	0.554	0.894	---	---	7
8	---	---	---	---	2.27	11.9	1.17	0.566	0.537	0.895	---	---	8
9	---	---	---	---	2.31	7.80	1.13	0.595	0.539	1.04 B	---	---	9
10	---	---	---	---	2.15	5.59	1.10	0.582	0.566	0.977	---	---	10
11	---	---	---	---	1.92	5.08	1.05	0.585	0.657	0.984	---	---	11
12	---	---	---	---	1.73	4.75	1.01	0.611	2.34	0.939	---	---	12
13	---	---	---	---	1.72	4.46	0.988	0.591	2.48	0.890	---	---	13
14	---	---	---	---	1.88	4.07	0.977	0.561	1.82	0.872	---	---	14
15	---	---	---	---	1.66	3.90	0.938	0.746	1.62	0.944	---	---	15
16	---	---	---	---	2.13	3.61	0.951	0.824	1.34	1.30	---	---	16
17	---	---	---	---	2.67	3.30	1.05	0.897	1.33	1.32	---	---	17
18	---	---	---	---	3.20	2.98	0.967	0.842	1.33	1.08	---	---	18
19	---	---	---	---	4.16	2.90	0.897	0.811	1.31	1.05	---	---	19
20	---	---	---	---	4.39	2.85	0.882	0.891	1.25	1.30	---	---	20
21	---	---	---	---	4.63	2.71	0.833	0.814	1.39	1.18	---	---	21
22	---	---	---	---	4.68	2.46	0.804	0.822	1.41	1.13	---	---	22
23	---	---	---	---	4.62	2.28	0.822	0.994	1.33	1.10	---	---	23
24	---	---	---	---	4.84	2.15	0.811	0.959	1.27	1.08	---	---	24
25	---	---	---	---	5.41	2.00	0.787	0.938	1.24	1.33	---	---	25
26	---	---	---	---	5.35	1.89	0.729	0.926	1.26	1.25	---	---	26
27	---	---	---	---	4.44	1.80	0.714	0.923	1.25	1.46	---	---	27
28	---	---	---	---	4.02	1.75	0.690	0.924	1.18	2.01	---	---	28
29	---		---	2.38A	3.89	1.69	0.674	0.912	1.17	1.71	---	---	29
30	---		---	1.97	4.54	1.66	0.664	0.496	1.08	1.53 A	---	---	30
31	---		---		4.93		0.649	0.487		1.64 E		---	31
TOTAL	---	---	---	---	101.74	118.53	30.951	18.428	33.391	38.700	---	---	TOTAL
MEAN	---	---	---	---	3.28	3.95	0.998	0.594	1.11	1.15	---	---	MEAN
MAX	---	---	---	---	5.41	11.9	1.57	0.834	2.49	2.01	---	---	MAX
MIN	---	---	---	---	1.72	1.66	0.649	0.487	0.482	0.872	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.84
MAXIMUM DAILY, 11.9 ON JUN 8
MINIMUM DAILY, 0.482 ON SEP 1
MAXIMUM INSTANTANEOUS,
17.5 AT 23:30 MST ON JUN 7

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 06 N
LONG 114 25 49 W
DRAINAGE AREA, 143 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 670
FEB	---	AUG	1 590
MAR	---	SEP	2 680
APR	---	OCT	3 060
MAY	8 750	NOV	---
JUN	10 200	DEC	---

TOTAL DISCHARGE, 39 200 dam³

EASY PRAIRIE RIVER NEAR EMILDA - STATION NO. 07BF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.3158	1.673	34.9	9.70	2.01	1.04	0.858	13.5	---	---	1
2	---	---	0.3138	1.468	37.5	8.13	1.45	0.918	0.711	11.3	---	---	2
3	---	---	0.3138	4.078	66.5	4.94	0.700	0.897	1.88	9.18	---	---	3
4	---	---	0.3138	4.878	88.8	5.76	0.578	1.67	1.68	7.18	---	---	4
5	---	---	0.3108	5.538	78.8	5.04	0.178	0.808	1.76	8.98	---	---	5
6	---	---	0.2958	4.808	58.4	4.43	0.467	1.07	1.93	7.84	---	---	6
7	---	---	0.2808	5.018	50.0	3.88	0.203	1.37	3.02	8.83	---	---	7
8	---	---	0.2808	4.408	50.5	1.42	0.011	1.17	5.15	7.33	---	---	8
9	---	---	0.2908	5.068	50.0	0.858	0.558	1.34	4.10	8.25	---	---	9
10	---	---	0.2858	5.988	47.4	1.28	0.185	1.47	3.43	8.11	---	---	10
11	---	---	0.2758	6.908	41.8	0.711	0.037	2.11	2.84	8.04	---	---	11
12	---	---	0.3008	20.1 B	41.5	1.44	0.038	1.72	2.29	6.87	---	---	12
13	---	---	0.3508	24.9 B	38.8	1.81	0.088	2.04	3.32	8.08	---	---	13
14	---	---	0.4508	35.9 B	34.4	1.83	0.118	2.14	3.87	8.38	---	---	14
15	---	---	0.5008	49.4	32.6	1.87	0.411	2.44	13.6	9.87	---	---	15
16	---	---	0.5508	50.6	30.3	1.47	0.330	10.8	9.70	7.67	---	---	16
17	---	---	0.6008	32.6	31.0	3.14	0.118	11.6	8.98	10.4	---	---	17
18	---	---	1.05 B	32.6	32.6	0.883	0.470	8.88	15.9	13.9	---	---	18
19	---	---	1.30 B	37.6	33.3	0.445	0.798	9.28	10.6	12.4	---	---	19
20	---	---	1.70 B	30.6	27.7	0.185	0.438	3.43	8.78	11.8	---	---	20
21	---	---	3.20 B	29.3	23.6	1.05	0.284	3.29	8.48	10.0	---	---	21
22	---	---	3.20 B	14.0	18.7	0.841	0.092	1.78	7.79	8.48	---	---	22
23	---	---	3.07 B	13.2	14.3	1.88	0.746	1.38	26.7	7.28	---	---	23
24	---	---	3.78 B	14.4	13.1	2.21	0.893	1.63	22.3	6.86	---	---	24
25	---	---	3.40 B	17.2	11.7	3.37	1.05	1.05	16.3	7.84	---	---	25
26	---	---	2.98 B	21.6	14.8	12.6	1.18	0.809	28.9	5.84	---	---	26
27	---	---	3.88 B	27.2	14.2	21.9	1.40	1.13	30.0	2.49	---	---	27
28	---	---	2.34 B	35.9	11.6	13.4	1.03	0.884	38.9	1.88	---	---	28
29	---		2.04 B	38.8	8.70	8.98	4.17	1.17	33.3	2.32	---	---	29
30	---		1.88 B	24.2	10.2	3.08	2.37	0.993	13.9	3.81	---	---	30
31	---		1.88 B		10.7		1.39	0.830		3.87		---	31
TOTAL	---	---	40.383	609.83	1 057.70	138.051	24.835	73.980	313.937	227.30	---	---	TOTAL
MEAN	---	---	1.30	20.3	34.1	4.17	0.801	2.39	10.5	7.33	---	---	MEAN
MAX	---	---	3.87	50.6	88.8	21.9	4.17	11.6	38.5	13.9	---	---	MAX
MIN	---	---	0.375	1.44	8.70	0.185	0.011	0.808	0.858	1.88	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.1
MAXIMUM DAILY, 88.8 ON MAY 4
MINIMUM DAILY, 0.011 ON JUL 6
MAXIMUM INSTANTANEOUS,
88.4 AT 01:30 MST ON MAY 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 25 00 N
LONG 110 20 30 W
DRAINAGE AREA, 1 480 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 150
FEB	---	AUG	3 290
MAR	3 480	SEP	27 100
APR	32 700	OCT	19 600
MAY	91 200	NOV	---
JUN	10 800	DEC	---

TOTAL DISCHARGE, 314 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM GRAPH OF OBSERVED READINGS

EASTERN IRRIGATION DISTRICT EAST BRANCH CANAL NEAR LATHOM - STATION NO. 05EJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---									---	1
2	---	---	---	0	13.3	31.0	32.9	35.0	36.4	40.5	0	---	2
3	---	---	---	0	13.4	30.1	32.6	34.7	36.2	27.9	0	---	3
4	---	---	---	0	13.5	32.1	31.7	34.6	36.5	20.3	0	---	4
5	---	---	---	0	13.5	33.9	32.0	34.6	36.5	3.00E	0	---	5
				0	13.3	35.6	32.6	34.4	37.4	2.00E	0	---	
6	---	---	---										6
7	---	---	---	0	15.0	34.3	32.9	35.2	37.0	1.00E	0	---	7
8	---	---	---	0	19.4	35.3	32.6	36.1	37.4	0	0	---	8
9	---	---	---	0	23.1	36.1	32.5	35.7	37.4	0	0	---	9
10	---	---	---	0	26.0	35.8	31.8	36.3	37.9	0	0	---	10
				0	29.0	35.7	31.3	37.0	38.3	0	0	---	
11	---	---	---										11
12	---	---	---	0	28.3	35.6	33.3	37.1	38.4	0	0	---	12
13	---	---	---	0	28.0	35.6	31.8	36.3	38.6	0	0	---	13
14	---	---	---	0	28.0	35.3	31.4	34.9	38.2	0	0	---	14
15	---	---	---	0	29.6	35.0	32.0	35.6	36.9	0	0	---	15
				0	30.2	34.6	32.0	35.1	36.5	0	0	---	
16	---	---	---										16
17	---	---	---	0	29.6	34.4	32.5	35.3	36.9	0	0	---	17
18	---	---	---	0	33.2	34.1	33.1	35.8	37.2	0	0	---	18
19	---	---	---	0	18.8	33.7	33.1	35.8	38.0	0	0	---	19
20	---	---	---	0	16.9	33.6	32.6	35.7	37.4	0	0	---	20
				0	18.1	34.0	32.4	35.9	37.5	0	0	---	
21	---	---	---										21
22	---	---	---	0	18.5	33.4	32.2	35.4	36.4	0	0	---	22
23	---	---	---	0	20.6	33.6	31.6	35.8	38.0	0	0	---	23
24	---	---	---	0	30.9	33.7	31.6	35.7	38.1	0	0	---	24
25	---	---	---	0	23.1	33.6	33.7	35.7	39.1	0	0	---	25
				5.85A	23.8	32.9	35.1	35.8	39.8	0	0	---	
26	---	---	---										26
27	---	---	---	11.4	23.8	33.8	35.6	35.8	40.1	0	0	---	27
28	---	---	---	11.6	24.3	34.2	35.6	36.3	39.2	0	0	---	28
29	---		---	11.2	26.7	33.8	37.1	35.7	40.9	0	0	---	29
30	---		---	13.6	29.2	33.5	36.6	36.8	40.8	0	0	---	30
31	---		---	13.4	28.8	33.1	36.0	37.0	40.9	0	0	---	31
					29.6		35.1	36.7		0		---	
TOTAL	---	---	---	86.25	706.8	1 020.4	1 029.5	1 109.6	1 141.6	85.10	0	---	TOTAL
MEAN	---	---	---		22.8	34.0	33.2	35.8	38.1	3.07	0	---	MEAN
MAX	---	---	---	2.21	30.2	36.3	37.1	37.1	40.9	40.9	0	---	MAX
MIN	---	---	---	13.4	13.3	30.1	31.3	34.4	36.2	0	0	---	MIN
				0									

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.2
MAXIMUM DAILY, 40.9 ON SEP 28
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 15 N
LONG 112 20 29 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	88 900
FEB	---	AUG	95 900
MAR	---	SEP	98 700
APR	8 730	OCT	8 220
MAY	81 100	NOV	0
JUN	88 200	DEC	---

TOTAL DISCHARGE, 447 000 dam³

EASTERN IRRIGATION DISTRICT NORTH BRANCH CANAL NEAR BASSANO - STATION NO. 05EJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---									---	1
2	---	---	---	0	8.40	13.3	12.0	10.8	12.9	10.8	0	---	2
3	---	---	---	0	8.43	13.3	11.9	11.0	12.9	3.08	0	---	3
4	---	---	---	0	8.48	13.1	12.0	11.2	13.2	1.45	0	---	4
5	---	---	---	0	8.69	12.1	12.3	11.3	13.2	0.089	0	---	5
				0	8.87	11.7	12.9	11.4	13.8	0.048	0	---	
6	---	---	---										6
7	---	---	---	0	8.30	12.9	13.1	10.0	13.2	0.007	0	---	7
8	---	---	---	0	1.85	13.6	12.9	9.36	13.6	0	0	---	8
9	---	---	---	0	1.80	13.7	12.8	9.48	13.4	0	0	---	9
10	---	---	---	0	1.88	13.7	12.4	8.73	13.8	0	0	---	10
				0	1.28	13.7	12.4	8.67	13.9	0	0	---	
11	---	---	---										11
12	---	---	---	0	1.25	13.7	13.0	8.85	13.8	0	0	---	12
13	---	---	---	0	1.22	13.8	13.2	8.72	13.7	0	0	---	13
14	---	---	---	0	1.21	13.6	13.3	8.80	13.8	0	0	---	14
15	---	---	---	0	8.30	13.4	13.6	8.70	13.4	0	0	---	15
				0	8.29	13.1	13.4	8.82	13.6	0	0	---	
16	---	---	---										16
17	---	---	---	0.352A	8.43	13.0	13.8	8.98	13.8	0	0	---	17
18	---	---	---	2.24	10.2	12.7	14.3	8.97	13.0	0	0	---	18
19	---	---	---	2.89	10.8	12.8	14.8	9.01	11.9	0	0	---	19
20	---	---	---	2.38	10.8	13.5	14.6	9.06	11.8	0	0	---	20
				2.44	10.9	13.8	14.5	9.13	11.8	0	0	---	
21	---	---	---										21
22	---	---	---	2.17	11.2	13.7	14.6	9.16	11.8	0	0	---	22
23	---	---	---	2.71	11.5	13.7	14.3	9.09	11.8	0	0	---	23
24	---	---	---	3.09	11.4	13.7	14.1	9.09	11.7	0	0	---	24
25	---	---	---	3.12	12.1	13.8	14.1	9.00	11.8	0	0	---	25
				4.79	12.3	14.8	14.4	9.04	11.8	0	0	---	
26	---	---	---										26
27	---	---	---	5.77	12.3	14.0	14.4	12.1	11.7	0	0	---	27
28	---	---	---	5.78	11.8	13.8	14.2	14.1	11.3	0	0	---	28
29	---		---	5.86	11.1	13.1	14.3	13.8	11.8	0	0	---	29
30	---		---	7.24	11.1	12.7	13.8	13.9	11.8	0	0	---	30
31	---		---	6.43	11.7	12.4	13.4	13.4	11.3	0	0	---	31
					12.8		11.7	13.1		0		---	
TOTAL	---	---	---	58.832	254.65	399.8	416.7	318.50	378.7	15.474	0	---	TOTAL
MEAN	---	---	---	1.95	8.21	13.3	13.4	10.3	12.7	0.499	0	---	MEAN
MAX	---	---	---	6.43	13.6	14.8	14.8	14.1	13.9	10.8	0	---	MAX
MIN	---	---	---	0	1.21	11.7	11.7	8.80	11.3	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.54
MAXIMUM DAILY, 14.8 ON JUN 25
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 00 N
LONG 112 25 00 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	35 900
FEB	---	AUG	27 300
MAR	---	SEP	32 600
APR	5 070	OCT	1 340
MAY	22 000	NOV	0
JUN	34 500	DEC	---

TOTAL DISCHARGE, 159 000 dam³

EASTERN IRRIGATION DISTRICT SPRINGHILL CANAL NEAR LAYNOM - STATION NO. 05EJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	22.9	21.5	20.0	4.88	4.82	0	---	1
2	---	---	---	0	0	22.9	22.9	18.9	4.67	4.61 A	0	---	2
3	---	---	---	0	0	22.9	23.7	17.4	4.68	0.250E	0	---	3
4	---	---	---	0	0	22.4	25.5	17.8	4.59	0.250E	0	---	4
5	---	---	---	0	0	22.1	28.1	18.0	4.46	0.250E	0	---	5
6	---	---	---	0	0	22.3	30.9	18.0	4.55	0.250E	0	---	6
7	---	---	---	0	1.47A	22.4	30.8	17.8	4.58	0.250E	0	---	7
8	---	---	---	0	1.67	22.4	30.7	17.7	4.78	0.250E	0	---	8
9	---	---	---	0	1.84	22.2	30.4	16.9	4.61	0.250E	0	---	9
10	---	---	---	0	1.85	22.3	30.4	16.3	4.29	0.250E	0	---	10
11	---	---	---	0	1.88	22.2	30.8	16.2	4.30	0.250E	0	---	11
12	---	---	---	0	1.88	22.7	32.0	13.4	4.27	0.250E	0	---	12
13	---	---	---	0	1.88	23.1	32.5	10.9	4.22	0.250E	0	---	13
14	---	---	---	0	1.88	23.1	32.8	10.2	4.27	0.250E	0	---	14
15	---	---	---	0	1.87	23.2	32.3	9.57	4.25	0.250E	0	---	15
16	---	---	---	0	2.13	23.3	32.2	8.70	4.21	0.200E	0	---	16
17	---	---	---	0	2.32	23.4	32.3	8.41	3.84	0.200E	0	---	17
18	---	---	---	0	2.34	23.6	31.8	8.37	2.87	0.200E	0	---	18
19	---	---	---	0	2.33	24.2	27.6	8.32	3.87	0.200E	0	---	19
20	---	---	---	0	2.33	24.5	25.6	7.12	4.46	0.200E	0	---	20
21	---	---	---	0	8.24	24.7	25.8	6.48	4.38	0.100E	0	---	21
22	---	---	---	0	10.2	25.1	24.1	6.48	4.28	0.100E	0	---	22
23	---	---	---	0	13.5	25.3	22.8	6.46	4.46	0.100E	0	---	23
24	---	---	---	0	16.3	23.7	23.0	6.39	4.84	0.100E	0	---	24
25	---	---	---	0	17.1	23.4	21.8	6.32	5.09	0.100E	0	---	25
26	---	---	---	0	16.9	21.5	20.9	6.69	6.93	0	0	---	26
27	---	---	---	0	17.7	20.4	21.0	6.36	8.61	0	0	---	27
28	---	---	---	0	20.7	20.7	20.9	6.87	9.00	0	0	---	28
29	---		---	0	22.4	20.8	20.2	6.73	8.68	0	0	---	29
30	---		---	0	22.2	21.2	20.2	6.70	8.92	0	0	---	30
31	---				22.6		20.4	6.68		0		---	31
TOTAL	---	---	---	0	211.88	685.2	837.0	342.88	151.39	18.480	0	---	TOTAL
MEAN	---	---	---	0	6.84	22.8	26.7	11.1	5.05	0.596	0	---	MEAN
MAX	---	---	---	0	22.6	25.3	32.8	20.8	9.00	4.82	0	---	MAX
MIN	---	---	---	0	0	20.4	20.2	6.68	2.87	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.17
MAXIMUM DAILY, 32.8 ON JUL 14
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 20 N
LONG 112 20 20 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	71 500
FEB	---	AUG	29 600
MAR	---	SEP	13 100
APR	0	OCT	1 600
MAY	18 200	NOV	0
JUN	59 200	DEC	---

TOTAL DISCHARGE, 193 000 dam³

ELBOW RIVER ABOVE ELBOW FALLS - STATION NO. 05BJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.318	1.53	3.82	11.7	7.31	3.72	5.89	5.83	---	---	1
2	---	---	1.278	1.61	3.84	11.8	6.96	3.84	5.83	6.08	---	---	2
3	---	---	1.308	1.57	3.84	11.2	5.92	4.02	5.73	5.53	---	---	3
4	---	---	1.178	1.55	3.83	10.8	5.94	3.88	5.82	5.31	---	---	4
5	---	---	1.188	1.50	3.89	10.6	5.97	3.84	5.83	5.24	---	---	5
6	---	---	1.238	1.53	3.80	10.1	5.80	3.81	5.43	5.24	---	---	6
7	---	---	1.378	1.63	3.68	11.0	5.38	3.73	5.00	5.13	---	---	7
8	---	---	1.518	1.60	3.69	15.8	6.11	3.67	5.88	5.68	---	---	8
9	---	---	1.898	1.78	3.75	12.6	5.89	3.89	5.68	5.84	---	---	9
10	---	---	1.598	1.61	3.81	10.6	5.68	4.00	5.49	5.87	---	---	10
11	---	---	1.778	1.78	3.07	9.47	5.63	4.12	7.81	5.84	---	---	11
12	---	---	1.718	1.87	3.15	9.86	5.72	4.89	27.8	5.83	---	---	12
13	---	---	1.888	2.84	3.23	10.0	5.61	5.06	34.9	5.81	---	---	13
14	---	---	1.808	2.62	3.28	10.1	5.30	5.61	34.9	5.73	---	---	14
15	---	---	1.588	1.83	3.31	9.79	5.06	5.83	18.3	5.70	---	---	15
16	---	---	1.70E	1.81	3.81	9.51	5.05	10.1	15.0	5.89	---	---	16
17	---	---	1.81E	1.87	4.38	8.78	5.34	11.2	14.1	5.84	---	---	17
18	---	---	1.93E	1.81	5.48	8.82	4.88	13.3	12.4	5.83	---	---	18
19	---	---	2.04E	1.87	8.78	9.40	4.78	12.1	11.4	5.37	---	---	19
20	---	---	1.88E	1.78	6.85	10.9	4.89	12.0	10.3	5.38	---	---	20
21	---	---	1.68E	1.78	9.81	10.1	4.82	11.9	9.87	5.28	---	---	21
22	---	---	1.78E	1.78	10.3	9.13	4.80	11.9	9.16	5.24	---	---	22
23	---	---	1.71E	1.75	11.1	8.23	4.83	11.2	8.88	5.17	---	---	23
24	---	---	1.62E	1.77	12.3	7.88	4.61	10.4	8.54	5.03	---	---	24
25	---	---	1.54E	1.78	16.4	7.10	4.38	9.38	8.09	5.03	---	---	25
26	---	---	1.44E	1.78	16.6	6.83	4.13	8.41	7.81	4.88	---	---	26
27	---	1.48E	1.40A	1.81	11.8	6.82	3.84	7.84	7.70	4.84	---	---	27
28	---	1.43E	1.40	2.30	10.8	6.78	3.86	7.08	7.27	4.87	---	---	28
29	---		1.58	2.51	10.7	7.08	3.82	6.86	7.08	4.82	---	---	29
30	---		1.42	2.81	11.1	7.40	3.84	6.36	6.85	4.70A	---	---	30
31	---		1.43		11.3		3.78	6.13		4.70E		---	31
TOTAL	---	---	48.86	55.86	203.84	288.81	184.67	224.83	319.89	173.87	---	---	TOTAL
MEAN	---	---	1.57	1.87	6.58	9.85	5.31	7.24	10.7	5.61	---	---	MEAN
MAX	---	---	2.04	2.81	16.4	16.8	7.31	13.3	34.9	6.82	---	---	MAX
MIN	---	---	1.18	1.50	3.68	6.82	3.78	3.72	5.83	4.70	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.04
MAXIMUM DAILY, 34.9 ON SEP 13
MINIMUM DAILY, 1.18 ON MAR 5
MAXIMUM INSTANTANEOUS,
47.6 AT 22:01 MST ON SEP 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 51 20 N
LONG 114 47 37 W
DRAINAGE AREA, 437 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	14 200
FEB	---	AUG	10 400
MAR	4 200	SEP	27 600
APR	4 830	OCT	15 000
MAY	17 600	NOV	---
JUN	25 000	DEC	---

TOTAL DISCHARGE, 128 000 dam³

ELBOW RIVER AT BRAGG CREEK - STATION NO. 05BJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.520	1.220	3.300	2.660	6.02	14.0	7.82	6.93	7.54	10.2	5.15	4.050	1
2	2.560	1.550	3.200	3.120	6.30	13.5	7.47	6.55	7.48	9.95	5.05	4.210	2
3	2.700	1.720	3.130	3.380	6.62	13.4	7.37	6.36	7.35	9.60	5.01	4.330	3
4	2.780	1.640	3.080	3.090	6.33	12.6	7.46	6.05	7.35	9.09	5.05	4.450	4
5	2.770	1.800	3.020	2.85	6.61	12.9	7.40	5.81	7.39	8.83	5.71	4.540	5
6	2.660	1.550	3.030	2.81	6.44	12.0	7.34	6.84	8.95	9.20	5.50	4.630	6
7	2.460	1.500	3.110	2.91	5.95	11.6	7.01	6.88	8.10	9.02	5.42	4.670	7
8	2.250	1.450	3.170	3.32	6.10	16.3	6.75	6.06	7.83	8.57	5.19	4.630	8
9	2.100	1.460	2.180	4.15	6.97	14.5	6.66	5.14	8.13	8.23	5.06	4.535	9
10	2.350	1.450	2.130	4.26	6.90	12.6	6.80	5.21	8.71	8.42	4.87	4.420	10
11	2.550	1.600	2.300	4.13	6.11	11.2	6.91	6.35	10.5	8.55	4.850	4.160	11
12	2.850	1.820	2.280	4.30	6.05	11.1	6.68	6.41	33.1	8.51	4.760	3.660	12
13	3.130	2.150	2.220	4.62	6.24	11.1	6.48	6.38	61.2	8.22	4.700	3.600	13
14	3.360	2.680	2.180	5.41	6.20	11.3	6.22	6.80	38.0	8.16	4.620	3.560	14
15	3.600	2.760	2.160	4.05	6.14	10.6	6.10	13.0	28.4	8.06	4.530	3.500	15
16	3.480	2.820	3.430	3.80	6.16	10.3	6.07	14.1	33.7	8.09	4.450	3.440	16
17	3.330	2.780	3.120	3.69	6.63	9.82	6.47	13.0	21.0	8.09	4.420	3.460	17
18	3.280	2.760	3.400	3.88	6.36	9.26	6.21	15.5	19.0	7.82	4.230	3.440	18
19	3.130	2.660	3.500	3.81	7.33	8.86	5.91	15.6	17.6	7.64	4.120	3.420	19
20	3.020	2.620	3.370	3.62	8.65	11.3	5.78	14.4	16.3	7.52	4.020	3.360	20
21	2.900	2.560	3.200	3.30	10.8	10.8	5.68	14.6	15.3	7.65	3.950	3.330	21
22	2.730	2.500	2.990	3.22	11.3	10.0	5.76	15.3	14.5	7.42	3.780	3.290	22
23	2.560	2.440	2.820	3.23	11.6	9.15	6.03	14.3	13.8	7.19	3.690	3.230	23
24	2.370	2.360	2.600	3.23	12.0	8.66	6.76	13.3	13.3	7.06	3.620	3.180	24
25	2.160	2.330	2.380	3.30	10.1	7.75	6.56	12.3	12.6	7.04	3.590	3.110	25
26	1.950	2.450	2.240	3.18	10.9	7.18	6.46	11.3	12.1	6.67	3.610	3.070	26
27	1.720	2.560	2.150	3.23	14.3	6.84	6.30	10.3	11.7	6.85	3.670	3.030	27
28	1.500	2.450	2.020	4.24	13.2	7.10	6.24	9.70	11.0	6.89	3.770	3.010	28
29	1.300		3.040	5.74	12.7	7.46	6.21	9.11	10.7	6.72	3.660	2.990	29
30	1.140		1.730	5.69	12.8	7.83	6.14	8.37	10.8	6.63	3.970	2.985	30
31	1.120		1.930		13.0		6.07	8.00		6.33		2.970	31
TOTAL	78.05	59.44	75.38	112.86	281.61	332.24	194.27	287.19	473.04	248.35	138.06	114.87	TOTAL
MEAN	2.52	2.12	2.43	3.76	9.45	10.7	6.27	9.26	15.8	8.01	4.80	3.70	MEAN
MAX	3.80	2.82	3.80	6.74	16.8	16.3	7.82	15.6	61.2	10.2	5.15	4.87	MAX
MIN	1.12	1.22	1.73	2.[illegible]	4.80	6.84	5.07	4.68	7.35	6.33	3.69	2.97	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.68
MAXIMUM DAILY, 61.2 ON SEP 13
MINIMUM DAILY, 1.120 ON JAN 31
MAXIMUM INSTANTANEOUS,
78.7 AT 01:07 MST ON SEP 13

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 53 N
LONG 114 34 10 W
DRAINAGE AREA, 781 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 740	JUL	18 800
FEB	5 140	AUG	24 600
MAR	8 610	SEP	40 900
APR	9 730	OCT	21 500
MAY	22 800	NOV	11 900
JUN	27 800	DEC	9 810

TOTAL DISCHARGE, 204 000 dam³

ELBOW RIVER AT SARCEE BRIDGE - STATION NO. 05BJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	5.00E	8.49	15.0	8.00	4.33	7.20	10.0	---	---	1
2	---	---	---	5.00E	8.80	15.2	7.65	4.11	7.04	9.70	---	---	2
3	---	---	---	5.00E	7.05	14.6	7.38	4.21	6.90	9.47	---	---	3
4	---	---	---	5.00E	7.17	13.9	7.38	4.20	6.99	9.18	---	---	4
5	---	---	---	5.00E	8.89	13.9	7.38	4.01	7.31	8.89	---	---	5
6	---	---	---	5.00E	8.10	13.5	7.21	3.98	8.38	9.23	---	---	6
7	---	---	---	5.00E	5.76	13.7	6.96	3.88	8.18	9.26	---	---	7
8	---	---	---	5.00E	5.67	14.1	6.52	4.10	8.62	8.87	---	---	8
9	---	---	---	5.00E	5.30	17.2	6.24	4.31	8.37	8.48	---	---	9
10	---	---	---	5.56A	5.17	14.0	6.16	4.31	8.87	8.71	---	---	10
11	---	---	---	5.31	5.44	13.1	5.93	4.65	8.78	8.88	---	---	11
12	---	---	---	5.40	5.62	13.1	5.80	4.84	20.4	8.84	---	---	12
13	---	---	---	5.20	5.43	12.4	5.43	5.35	83.2	8.53	---	---	13
14	---	---	---	5.76	5.43	12.2	5.02	5.25	48.9	8.39	---	---	14
15	---	---	---	5.32	5.37	11.6	5.66	5.44	35.0	8.53	---	---	15
16	---	---	---	4.58	5.25	11.4	5.77	15.1	27.2	8.56	---	---	16
17	---	---	---	4.53	5.35	10.8	6.16	13.3	23.3	8.68	---	---	17
18	---	---	---	4.35	5.86	10.0	6.24	13.7	19.8	8.30	---	---	18
19	---	---	---	4.58	5.85	9.89	5.89	14.8	18.4	8.16	---	---	19
20	---	---	---	4.31	5.46	11.8	5.45	14.2	16.9	8.07	---	---	20
21	---	---	---	3.81	10.4	12.5	5.19	14.8	15.8	8.05	---	---	21
22	---	---	---	3.68	11.1	11.4	5.03	15.7	14.8	7.98	---	---	22
23	---	---	---	3.80	11.7	10.2	5.00	14.7	14.0	7.88	---	---	23
24	---	---	---	3.82	12.8	9.37	5.58	13.1	13.1	7.72	---	---	24
25	---	---	---	4.04	15.8	8.85	5.19	11.9	12.4	7.70	---	---	25
26	---	---	---	3.98	18.1	7.88	4.98	10.9	11.8	7.47	---	---	26
27	---	---	---	3.84	18.8	7.35	4.80	9.98	11.6	7.49	---	---	27
28	---	---	---	4.17	18.5	7.11	4.87	9.17	10.8	7.89	---	---	28
29	---		---	5.85	16.4	7.88	4.83	8.84	10.4	7.57	---	---	29
30	---		---	5.41	14.1	7.89	4.81	8.26	10.3	7.41A	---	---	30
31	---		---		13.8		4.35	7.82		7.40E		---	31
TOTAL	---	---	---	144.93	278.85	353.84	184.89	287.91	485.79	281.00	---	---	TOTAL
MEAN	---	---	---	4.83	8.93	11.8	5.96	9.61	16.2	8.42	---	---	MEAN
MAX	---	---	---	5.76	18.1	17.2	8.00	15.7	83.2	10.0	---	---	MAX
MIN	---	---	---	3.68	5.17	7.11	4.35	3.98	8.80	7.40	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.03
MAXIMUM DAILY, 83.2 ON SEP 13
MINIMUM DAILY, 3.68 ON AUG 7
MAXIMUM INSTANTANEOUS,
91.7 AT 13:00 MST ON SEP 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 40 N
LONG 114 10 00 W
DRAINAGE AREA, 1 150 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	18 000
FEB	---	AUG	23 100
MAR	---	SEP	42 000
APR	13 800	OCT	22 000
MAY	33 000	NOV	---
JUN	30 000	DEC	---

TOTAL DISCHARGE, 158 000 dam³

ELBOW RIVER BELOW GLENMORE DAM - STATION NO. 05BJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.400	1.308	1.138	1.21	1.37	13.9	1.28	1.33	5.68	5.75	3.85	0.8508	1
2	1.368	1.448	1.198	1.22	1.30	10.9	1.30	1.31	4.34	6.67	3.74	0.8508	2
3	1.358	1.538	1.138	1.25	1.34	9.63	1.28	1.32	3.87	6.63	3.76	0.8508	3
4	1.338	1.538	1.138	1.23	1.32	9.61	1.56	1.38	4.04	7.53	3.74	0.8508	4
5	1.208	1.568	1.388	1.23	1.34	9.12	1.31	1.38	4.05	7.57	4.81	0.8508	5
6	1.188	1.578	1.628	1.20	1.33	8.88	1.23	1.39	4.23	7.52	4.83	0.8508	6
7	1.128	1.588	1.348	1.18	1.33	8.80	1.21	1.38	4.53	5.26	10.1	0.8508	7
8	1.178	1.548	1.188	1.24	1.32	11.5	1.26	1.41	4.54	4.34	13.2	0.8508	8
9	1.168	1.538	1.298	1.26	1.34	14.0	1.72	1.40	4.89	4.35	12.0	0.8508	9
10	1.518	1.538	1.188	1.24	1.30	12.9	1.43	1.40	4.62	4.25	3.38 E	0.8508	10
11	1.308	1.508	1.188	1.22	1.31	8.36	1.31	1.41	4.23	4.11	1.93 E	0.8508	11
12	1.208	1.498	1.248	1.23	1.28	7.30	1.24	1.38	39.2	3.97	1.24 E	0.8508	12
13	1.198	1.458	1.30	1.23	1.32	8.88	1.30	1.38	72.8	4.26	1.20 E	0.8508	13
14	1.228	1.438	1.20	1.27	1.34	7.38	1.24	1.41	37.9	4.35	3.00 E	0.8508	14
15	1.228	1.408	1.30	1.31	1.31	7.89	1.23	1.73	33.7	4.18	3.40 E	0.8508	15
16	1.228	1.388	1.19	1.26	1.32	7.72	1.28	1.45	25.3	4.17	3.40 E	0.8508	16
17	1.268	1.388	1.20	1.23	1.34	8.71	1.37	1.58	18.0	4.67	1.81 E	1.00 E	17
18	1.278	1.378	1.20	1.23	1.30	8.14	1.26	1.88	15.0	5.80	0.8508	1.21 E	18
19	1.288	1.378	1.19	1.36	1.31	4.80	1.27	1.78	15.7	5.50	0.8508	1.17 E	19
20	1.288	1.388	1.20	1.28	1.37	5.05	1.27	1.89	10.4	5.67	0.8508	1.20 E	20
21	1.248	1.378	1.19	1.27	1.28	7.82	1.28	7.37	6.75	9.03	0.8508	1.10 E	21
22	1.288	1.35	1.19	1.24	1.32	7.79	1.38	9.12	6.75	8.88	0.8508	1.87 E	22
23	1.338	1.23	1.19	1.31	1.33	7.89	1.46	13.7	6.70	8.93	0.8508	3.40 E	23
24	1.258	1.20	1.22	1.33	1.40	7.86	1.31	12.2	6.97	7.13	0.8508	3.40 E	24
25	1.338	1.28	1.22	1.35	1.44	5.88	1.31	9.78	6.79	3.95	0.8508	3.40 E	25
26	1.258	1.148	1.21	1.35	1.36	4.73	1.31	8.10	6.46	4.03	0.8208	3.40 E	26
27	1.258	1.308	1.22	1.24	3.53	3.67	1.28	7.30	6.90	3.83	0.8008	1.84 E	27
28	1.338	1.188	1.20	1.23	4.72	1.29	1.31	7.21	6.67	3.74	0.7928	1.18 E	28
29	1.308		1.27	1.27	6.46	1.27	1.31	8.86	6.91	3.84	0.8508	1.23 E	29
30	1.308		1.24	1.24	7.80	1.28	1.31	1.84	6.83	3.85	0.8508	1.14 E	30
31	1.308		1.26		10.5		1.29	4.90		3.78		1.17 E	31
TOTAL	38.07	38.26	37.94	37.43	67.59	223.03	40.79	118.47	390.83	170.69	87.902	41.110	TOTAL
MEAN	1.36	1.40	1.22	1.25	2.18	7.43	1.32	3.76	13.0	5.51	2.93	1.33	MEAN
MAX	1.51	1.57	1.62	1.36	10.5	14.0	1.72	72.8	72.8	9.03	12.2	3.40	MAX
MIN	1.12	1.14	1.12	1.18	1.27	1.27	1.31	1.31	3.87	3.84	0.793	0.850	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.84
MAXIMUM DAILY, 72.8 ON SEP 13
MINIMUM DAILY, 0.7928 ON NOV 28
MAXIMUM INSTANTANEOUS,
87.6 AT 23:36 MST ON SEP 12

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 55 N
LONG 114 05 33 W
DRAINAGE AREA, 1 230 km²
B - ICE CONDITIONS
REGULATED SINCE 1932

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 380	JUL	3 520
FEB	3 390	AUG	10 100
MAR	3 280	SEP	33 800
APR	3 230	OCT	14 700
MAY	5 840	NOV	7 590
JUN	19 300	DEC	3 550

TOTAL DISCHARGE, 112 000 dam³

ELBOW CREEK AT HIGHWAY NO. 66 - STATION NO. 07HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.1308	0.830	0.059	0.011	0	0.034	0.047	---	---	1
2	---	---	0 B	0.3758	0.546	0.051	0.008	0	0.008A	0.047	---	---	2
3	---	---	0 B	0.3548	0.501	0.042	0.008	0	0.003E	0.049	---	---	3
4	---	---	0 B	0.3288	0.525	0.038	0.008	0	0.002E	0.048	---	---	4
5	---	---	0 B	0.3278	0.488	0.034	0.007	0	0.002E	0.045	---	---	5
6	---	---	0 B	0.3718	0.419	0.031	0.008	0	0.002E	0.043	---	---	6
7	---	---	0 B	0.3468	0.403	0.027	0.008	0	0.001E	0.043	---	---	7
8	---	---	0 B	0.4038	0.395	0.025	0.008	0	0.001E	0.044	---	---	8
9	---	---	0 B	0.5108	0.388	0.025	0.004	0	0.001E	0.043	---	---	9
10	---	---	0.001B	0.7778	0.361	0.022	0.004	0	0.001E	0.044	---	---	10
11	---	---	0.001B	0.7118	0.312	0.020	0.004	0	0.001E	0.056	---	---	11
12	---	---	0.001B	0.4788	0.281	0.019	0.004	0	0.001E	0.113	---	---	12
13	---	---	0.001B	1.02 B	0.265	0.017	0.004	0	0.002E	0.107	---	---	13
14	---	---	0.002B	1.74 B	0.241	0.015	0.004	0.0034	0.007A	0.101	---	---	14
15	---	---	0.003B	1.40 B	0.214	0.017	0.003	0.002	0.008A	0.097	---	---	15
16	---	---	0.003B	1.12 B	0.184	0.016	0.003	0.001E	0.003E	0.095	---	---	16
17	---	---	0.003B	0.9518	0.169	0.022	0.002	0.001E	0.003E	0.090	---	---	17
18	---	---	0.003B	0.884	0.142	0.021	0.002	0.001E	0.003E	0.088	---	---	18
19	---	---	0.004B	0.809	0.128	0.016	0.002	0.001E	0.003E	0.089	---	---	19
20	---	---	0.006B	0.899	0.118	0.015	0.002	0.001E	0.003E	0.092	---	---	20
21	---	---	0.005B	0.882	0.130	0.013	0.002	0.001E	0.003E	0.097	---	---	21
22	---	---	0.003B	0.456	0.100	0.011	0.002	0.001E	0.018A	0.100	---	---	22
23	---	---	0.002B	0.493	0.513	0.013	0.002	0.001E	0.010A	0.098	---	---	23
24	---	---	0.001B	0.886	0.237	0.031	0.001	0.001E	0.008A	0.097	---	---	24
25	---	---	0.008B	0.887	0.111	0.035	0.001	0.001E	0.010A	0.117	---	---	25
26	---	---	0.014B	0.811	0.080	0.016	0.002	0.001E	0.016	0.110	---	---	26
27	---	---	0.012B	0.877	0.073	0.015	0.001	0.001E	0.038	0.104	---	---	27
28	---	---	0.008B	1.06	0.071	0.015	0	0.001E	0.040	0.108	---	---	28
29	---		0.007B	0.783	0.074	0.018	0	0.001A	0.045	0.088	---	---	29
30	---		0.007B	0.934	0.070	0.016	0	0.002E	0.050	0.084A	---	---	30
31	---		0.030B		0.084		0	0.002A		0.084E		---	31
TOTAL	---	---	0.128	30.831	8.188	0.883	0.111	0.033	0.331	2.900	---	---	TOTAL
MEAN	---	---	0.004	0.997	0.264	0.033	0.004	0.001	0.011	0.091	---	---	MEAN
MAX	---	---	0.030	1.74	0.830	0.059	0.011	0.003	0.050	0.117	---	---	MAX
MIN	---	---	0	0.130	0.084	0.011	0	0	0.001	0.043	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.134
MAXIMUM DAILY, 1.740 ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.21 AT 17:00 MST ON APR 14

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 27 50 N
LONG 114 49 49 W
DRAINAGE AREA, 63.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.69
FEB	---	AUG	1.00
MAR	10.0	SEP	27.7
APR	1 810	OCT	216
MAY	705	NOV	---
JUN	88.8	DEC	---

TOTAL DISCHARGE, 2 860 dam³

ELKWATER LAKE AT ELKWATER - STATION NO. 05AH035

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1226.357	1226.433	1226.382	1226.181	1226.058	1225.118	---	---	1
2	---	---	---	---	1226.376	1226.438	1226.378	1226.089	1226.055	1226.119	---	---	2
3	---	---	---	1225.892	1226.398	1226.420	1226.373	1226.101	1226.053	1226.122	---	---	3
4	---	---	---	---	1226.411	1226.396	1226.089	1226.093	1226.053	1226.124	---	---	4
5	---	---	1225.778	---	---	1226.403	1226.280	1226.095	1226.053	1226.125	---	---	5
6	---	---	---	---	---	1226.386	1226.282	1226.091	1226.057	1226.139	---	---	6
7	---	---	---	---	---	1226.388	1226.264	1226.080	1226.060	1226.148	---	---	7
8	---	---	---	---	---	1226.381	1226.241	1226.075	1226.061	1226.148	---	---	8
9	---	---	---	---	---	1226.377	1226.234	1226.071	1226.062	1226.145	---	---	9
10	---	---	---	---	---	1226.376	1226.227	1226.068	1226.062	1226.147	---	---	10
11	---	---	---	---	---	1226.371	1226.232	1226.069	1226.062	1226.149	---	---	11
12	---	---	---	---	---	1226.385	1226.218	1226.072	1226.078	1226.149	---	---	12
13	---	---	---	---	---	1226.387	1226.213	1226.072	1226.089	1226.148	---	---	13
14	---	---	---	---	---	1226.389	1226.208	1226.071	1226.099	1226.148	---	---	14
15	---	---	---	1226.046	---	1226.386	1226.200	1226.077	1226.104	1226.153	---	---	15
16	---	---	---	---	---	1226.389	1226.195	1226.078	1226.100	1226.160	---	---	16
17	---	---	---	---	---	1226.392	1226.190	1226.078	1226.097	1226.162	---	---	17
18	---	---	---	---	---	1226.387	1226.188	1226.068	1226.099	1226.162	---	---	18
19	---	---	---	---	---	1226.383	1226.180	1226.064	1226.101	1226.162	---	---	19
20	---	---	1225.806	---	---	1226.382	1226.174	1226.061	1226.098	1226.164	---	---	20
21	---	---	---	---	---	1226.380	1226.168	1226.066	1226.095	1226.168	---	---	21
22	---	---	---	---	---	1226.386	1226.162	1226.071	1226.096	1226.166	---	---	22
23	---	---	---	---	---	1226.329	1226.158	1226.070	1226.096	1226.164	---	---	23
24	---	---	---	---	---	1226.322	1226.153	1226.065	1226.102	1226.162	---	---	24
25	---	---	---	---	---	1226.312	1226.162	1226.059	1226.112	1226.163	---	---	25
26	---	---	---	---	---	1226.305	1226.161	1226.065	1226.114	1226.162	---	---	26
27	---	---	---	---	1226.436	1226.302	1226.153	1226.062	1226.116	1226.160	---	---	27
28	---	---	---	---	1226.428	1226.296	1226.126	1226.062	1226.120	1226.159	---	---	28
29	---	---	---	---	1226.435	1226.288	1226.118	1226.062	1226.115	1226.157	---	---	29
30	---	---	---	1226.343	1226.444	1226.287	1226.110	1226.065	1226.115	1226.163	---	---	30
31	---	---	---	---	1226.440	---	1226.105	1226.063	---	1226.1608	---	---	31
MEAN	---	---	---	---	---	1226.357	1226.196	1226.072	1226.066	1226.150	---	---	MEAN
MAX	---	---	---	---	---	1226.433	1226.282	1226.101	1226.130	1226.168	---	---	MAX
MIN	---	---	---	---	---	1226.287	1226.105	1226.063	1226.053	1226.116	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM INSTANTANEOUS,
1226.446 AT 05:50 MST ON MAY 30

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 39 46 N
LONG 110 17 10 W

E - ESTIMATED

DRAINAGE AREA,
39.0 km²

ELLS RIVER NEAR THE MOUTH - STATION NO. 07DA017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.78 B	0.6508	0.6508	0.7108	34.4	34.3	5.91	3.07	1.34	1.95	1.708	1.148	1
2	1.85 B	0.6408	0.6508	0.7208	34.2	33.3	5.62	2.92	1.36	1.51	1.618	1.148	2
3	1.68 B	0.6308	0.6508	0.7408	42.4	32.2	5.43	2.67	1.30	1.46	1.508	1.128	3
4	1.50 B	0.6208	0.6508	0.7708	94.6	30.7	5.29	2.48	1.27	1.40	1.588	1.128	4
5	1.44 B	0.6108	0.6508	0.8108	156	19.8	5.21	2.40	1.30	1.48	1.908	1.128	5
6	1.40 B	0.6008	0.6508	0.8088	237	16.2	4.91	2.37	1.28	1.48	1.858	1.128	6
7	1.38 B	0.7908	0.6508	1.00 B	217	16.7	4.84	2.14	1.18	1.52	1.438	1.128	7
8	1.30 B	0.7808	0.6508	1.14 B	181	17.5	4.44	2.03	1.14	1.55	1.408	1.128	8
9	1.28 B	0.7708	0.6508	1.32 B	126	16.8	4.34	1.95	1.14	1.57	1.338	1.108	9
10	1.22 B	0.7708	0.6408	1.50 B	117	15.7	4.14	1.88	1.10	1.68	1.388	1.108	10
11	1.20 B	0.7608	0.6408	1.80 B	111	14.9	3.94	1.83	1.12	1.81	1.338	1.108	11
12	1.18 B	0.7508	0.6408	2.50 B	105	14.1	3.88	1.81	1.10	1.83	1.228	1.108	12
13	1.16 B	0.7308	0.6408	3.70 B	98.1	13.3	3.80	1.78	1.08	1.82	1.318	1.108	13
14	1.12 B	0.7408	0.6408	7.00 B	92.2	12.7	3.67	1.78	1.03	1.88	1.308	1.088	14
15	1.10 B	0.7308	0.6408	12.0 B	85.5	12.1	3.48	1.88	1.07	1.84	1.288	1.088	15
16	1.08 B	0.7308	0.6308	19.0 B	78.0	11.4	3.28	1.83	1.27	1.808	1.268	1.088	16
17	1.06 B	0.7208	0.6308	18.6 B	72.7	11.0	3.13	1.87	1.26	1.818	1.268	1.088	17
18	1.04 B	0.7108	0.6308	17.2 E	68.3	10.6	3.13	1.88	1.19	1.828	1.248	1.088	18
19	1.03 B	0.7108	0.6308	15.3 E	60.0	10.1	3.14	1.61	1.17	1.868	1.228	1.088	19
20	1.02 B	0.7008	0.6408	13.1 E	54.2	9.38	2.88	1.71	1.33	2.008	1.218	1.068	20
21	1.01 B	0.7008	0.6408	11.8 E	49.6	8.88	2.73	1.67	1.88	2.128	1.218	1.068	21
22	1.00 B	0.6908	0.6508	10.8 E	45.5	8.68	2.78	1.62	1.88	2.078	1.218	1.068	22
23	0.9608	0.6908	0.6508	10.3 E	42.0	8.43	2.88	1.48	1.88	2.028	1.208	1.068	23
24	0.9708	0.6808	0.6508	10.0 E	38.5	8.04	2.87	1.31	1.82	2.208	1.208	1.068	24
25	0.9508	0.6808	0.6508	10.2 E	35.2	8.03	2.41	1.44	1.80	2.168	1.208	1.068	25
26	0.9408	0.6808	0.6708	12.0 E	32.8	7.87	2.07	1.41	1.88	2.128	1.208	1.068	26
27	0.9208	0.6708	0.6708	17.4 E	30.5	7.36	2.71	1.38	1.84	2.088	1.188	1.108	27
28	0.9008	0.6708	0.6608	28.0 E	29.0	7.08	2.70	1.32	1.78	2.008	1.188	1.108	28
29	0.8908		0.6508	33.3 A	27.8	6.47	3.20	1.13	1.80	1.988	1.188	1.108	29
30	0.8708		0.6508	38.0	26.2	6.17	3.41	1.38	1.88	1.808	1.178	1.108	30
31	0.8508		0.7008		25.3		3.39	1.49		1.788	1.188	1.108	31
TOTAL	36.780	20.620	20.240	295.916	2 377.1	382.90	118.80	56.63	40.80	58.90	38.63	33.92	TOTAL
MEAN	1.18	0.744	0.653	10.0	76.7	13.1	3.73	1.79	1.36	1.78	1.33	1.08	MEAN
MAX	1.78	0.850	0.708	38.0	237	34.3	5.91	3.07	1.88	3.20	1.78	1.14	MAX
MIN	0.850	0.670	0.630	0.710	25.3	6.17	2.41	1.13	1.03	1.48	1.18	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.58
MAXIMUM DAILY, 237 ON MAY 6
MINIMUM DAILY, 0.6308 ON MAR 15
MAXIMUM INSTANTANEOUS,
267 AT 10:15 MST ON MAY 6

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 15 04 N
LONG 111 43 31 W
DRAINAGE AREA, 2 450 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 080	JUL	9 980
FEB	1 690	AUG	4 610
MAR	1 780	SEP	3 530
APR	25 800	OCT	4 800
MAY	205 000	NOV	3 430
JUN	34 000	DEC	2 930

TOTAL DISCHARGE, 301 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS OBTAINED BY A SLOPE - AREA MEASUREMENT

EMBARRAS RIVER AT ROSE - STATION NO. 07AF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.584	1.27	1.04	0.418	1.33	1.47	---	---	1
2	---	---	---	---	0.853	1.18	0.982	0.398	1.20	1.41	---	---	2
3	---	---	---	---	1.18	1.06	0.908	0.418	1.16	1.33	---	---	3
4	---	---	---	---	1.04	0.997	0.843	0.398	1.16	1.37	---	---	4
5	---	---	---	---	0.834	0.985	0.780	0.393	1.63	1.25	---	---	5
6	---	---	---	---	0.733	1.04	0.741	0.376	2.13	1.22	---	---	6
7	---	---	---	---	0.653	0.950	0.697	0.425	1.73	1.19	---	---	7
8	---	---	---	---	0.637	1.16	0.670	1.86	1.86	1.21	---	---	8
9	---	---	---	---	0.668	1.03	0.625	1.67	1.73	1.13	---	---	9
10	---	---	---	0.9498	0.578	0.930	0.593	2.16	1.97	1.14	---	---	10
11	---	---	---	0.4908	0.586	0.840	0.585	1.44	2.06	1.18	---	---	11
12	---	---	---	0.4068	0.583	0.787	0.644	2.31	3.93	1.10	---	---	12
13	---	---	---	---	0.557	0.778	0.681	3.83	11.6	1.04	---	---	13
14	---	---	---	---	0.552	0.745	0.809	1.78	6.98	1.04	---	---	14
15	---	---	---	---	0.527	0.734	0.562	6.30	4.49	1.30	---	---	15
16	---	---	---	---	0.518	0.711	0.532	5.40	3.82	1.20	---	---	16
17	---	---	---	---	0.512	0.633	0.578	3.24	3.30	1.05	---	---	17
18	---	---	---	0.513A	0.521	0.581	0.565	2.30	3.05	0.988	---	---	18
19	---	---	---	---	0.525	0.556	0.797	1.89	2.77	0.885	---	---	19
20	---	---	---	---	0.493	0.550	0.781	4.30	2.49	0.854	---	---	20
21	---	---	---	---	0.469	0.563	0.673	4.19	2.34	0.784	---	---	21
22	---	---	---	---	0.477	0.549	0.636	3.83	2.31	0.727	---	---	22
23	---	---	---	---	0.481	0.721	0.914	2.18	2.13	0.884	---	---	23
24	---	---	---	0.533A	0.484	3.71	1.80	1.67	2.21	0.672	---	---	24
25	---	---	---	---	1.33	3.67	0.986	1.76	2.01	0.598	---	---	25
26	---	---	---	---	1.56	2.21	0.776	1.62	1.85	0.560	---	---	26
27	---	---	---	---	1.23	1.67	0.667	1.47	1.69	1.64	---	---	27
28	---	---	---	---	1.31	1.37	0.580	1.36	1.72	1.21	---	---	28
29	---	---	---	---	1.57	1.24	0.540	1.28	1.62	1.07 E	---	---	29
30	---	---	---	---	1.62	1.08	0.496	1.27	1.58	1.07 E	---	---	30
31	---	---	---	---	1.39		0.452	1.31		1.07 E	---	---	31
TOTAL	---	---	---	---	24.851	34.210	22.383	50.830	76.78	33.673	---	---	TOTAL
MEAN	---	---	---	---	0.802	1.14	0.722	1.64	2.62	1.08	---	---	MEAN
MAX	---	---	---	---	1.62	3.71	1.80	6.30	11.6	1.47	---	---	MAX
MIN	---	---	---	---	0.461	0.549	0.452	0.374	1.16	0.598	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 11.6 ON SEP 13

MAXIMUM INSTANTANEOUS,
12.7 AT 09:41 MST ON SEP 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 13 19 N
LONG 117 58 04 W
DRAINAGE AREA, 124 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 930
FEB	---	AUG	5 290
MAR	---	SEP	6 600
APR	---	OCT	2 890
MAY	2 150	NOV	---
JUN	2 960	DEC	---

TOTAL DISCHARGE, 22 000 dam³

EMBARRAS RIVER NEAR WEALD - STATION NO. 07AF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.6508	1.178	2.97	4.06	4.78	1.12	3.78	4.67	---	---	1
2	---	---	0.6008	1.358	2.73	3.86	4.20	1.03	3.06	4.67	---	---	2
3	---	---	0.6408	2.458	3.06	3.26	3.86	1.00	3.48	4.28	---	---	3
4	---	---	0.6508	2.618	3.41	2.86	3.06	1.03	3.46	4.07	---	---	4
5	---	---	0.6588	2.868	3.14	2.71	2.86	1.02	3.86	3.84	---	---	5
6	---	---	0.6608	2.958	2.86	2.61	2.36	0.982	5.30	3.80	---	---	6
7	---	---	0.6708	3.068	2.84	2.82	2.13	0.972	5.81	3.88	---	---	7
8	---	---	0.6908	3.138	2.61	2.96	1.91	2.01	5.58	3.73	---	---	8
9	---	---	0.7108	3.308	2.38	3.22	1.80	4.13	5.46	3.88	---	---	9
10	---	---	0.7308	3.748	3.26	2.93	1.87	5.06	5.44	3.78	---	---	10
11	---	---	0.7508	3.688	2.13	2.84	1.88	4.68	5.36	3.84	---	---	11
12	---	---	0.7708	3.358	2.08	2.42	1.87	4.18	5.82	3.96	---	---	12
13	---	---	0.7908	3.288	1.97	2.37	1.83	5.65	27.5	3.74	---	---	13
14	---	---	0.8308	3.258	1.87	2.36	1.88	5.47	28.0	3.70	---	---	14
15	---	---	0.8508	3.388	1.84	2.30	1.88	5.43	19.0	4.88	---	---	15
16	---	---	1.05 B	3.888	1.77	2.23	1.88	15.3	14.3	8.82	---	---	16
17	---	---	1.14 B	3.808	1.72	3.06	2.18	11.4	11.8	8.86	---	---	17
18	---	---	1.21 B	3.748	1.70	1.84	3.18	8.29	10.3	6.04	---	---	18
19	---	---	1.00 B	2.778	1.67	1.71	2.03	6.37	9.26	5.44	---	---	19
20	---	---	0.8108	2.88	1.63	1.68	3.33	7.04	8.34	5.01	---	---	20
21	---	---	1.03 B	3.70	1.61	1.88	3.10	12.5	7.88	4.88	---	---	21
22	---	---	1.00 B	3.81	1.88	2.04	1.78	9.57	7.37	4.48	---	---	22
23	---	---	0.9708	3.37	1.83	2.28	1.71	7.32	8.88	4.11	---	---	23
24	---	---	0.8408	3.48	1.48	7.18	2.78	6.84	8.60	3.838	---	---	24
25	---	---	0.9008	3.83	1.87	15.7	2.88	6.07	8.38	3.488	---	---	25
26	---	---	0.8888	3.33	4.10	12.0	2.33	6.89	5.86	3.038	---	---	26
27	---	0.6638	0.7208	3.88	4.32	8.89	1.60	4.30	5.80	3.508	---	---	27
28	---	0.7708	0.9808	3.84	3.78	6.88	1.66	3.80	6.43	3.008	---	---	28
29	---		0.7208	3.78	4.07	5.84	1.42	3.46	5.08	3.118	---	---	29
30	---		0.6808	3.84	4.88	6.66	1.30	3.36	4.88	2.678	---	---	30
31	---		1.06 B		4.63		1.31	3.79		2.718	---	---	31
TOTAL	---	---	35.983	84.84	78.37	121.38	67.63	189.588	247.33	138.82	---	---	TOTAL
MEAN	---	---	0.828	2.83	2.86	4.04	2.18	6.16	8.24	4.18	---	---	MEAN
MAX	---	---	1.21	3.88	4.88	15.7	4.78	15.3	28.0	8.84	---	---	MAX
MIN	---	---	0.600	1.17	1.48	1.68	1.21	0.972	3.48	2.71	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.73
MAXIMUM DAILY, 28.0 ON SEP 14
MINIMUM DAILY, 0.6008 ON MAR 2
MAXIMUM INSTANTANEOUS,
28.4 AT 19:16 MST ON SEP 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 22 21 N
LONG 116 48 20 W
DRAINAGE AREA, 847 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5 880
FEB	---	AUG	13 000
MAR	3 210	SEP	21 000
APR	7 340	OCT	11 700
MAY	8 880	NOV	---
JUN	10 980	DEC	---

TOTAL DISCHARGE, 78 100 dam³

SMITH RIVER BELOW MANLAN CREEK - STATION NO. 07AF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	4.26	5.03	4.13	1.04	3.57	4.49	---	---	1
2	---	---	---	---	4.80	5.76	3.79	0.974	3.33	4.30	---	---	2
3	---	---	---	---	5.75	6.83	3.26	0.921	3.11	4.10	---	---	3
4	---	---	---	---	5.83	4.47	2.86	0.931	3.06	3.87	---	---	4
5	---	---	---	---	5.12	4.56	2.37	1.01	3.49	3.73	---	---	5
6	---	---	---	---	4.47	4.88	2.07	0.951	5.47	3.68	---	---	6
7	---	---	---	---	4.07	4.53	1.85	0.936	6.87	3.68	---	---	7
8	---	---	---	---	3.90	4.62	1.87	1.08	8.33	3.43	---	---	8
9	---	---	---	---	3.89	4.57	1.54	4.43	8.18	3.29	---	---	9
10	---	---	---	---	3.45	4.19	1.40	8.10	8.13	3.41	---	---	10
11	---	---	---	5.11e	3.37	3.86	1.33	3.85	5.81	3.58	---	---	11
12	---	---	---	6.44	3.17	3.39	1.36	4.25	5.81	3.83	---	---	12
13	---	---	---	7.00	3.02	3.10	1.50	6.24	33.7	3.36	---	---	13
14	---	---	---	6.67	2.85	2.93	1.53	6.21	27.1	3.29	---	---	14
15	---	---	---	7.13	2.76	2.88	1.37	11.0	19.3	4.18	---	---	15
16	---	---	---	6.79	2.83	2.82	1.28	30.1	15.9	5.40	---	---	16
17	---	---	---	6.71	2.96	2.64	1.48	14.3	13.1	5.39	---	---	17
18	---	---	---	6.62	2.84	2.26	1.44	9.73	10.9	4.88	---	---	18
19	---	---	---	6.63	2.67	2.03	1.58	7.00	9.07	4.45	---	---	19
20	---	---	---	6.43	2.39	2.03	2.31	8.49	7.95	4.03	---	---	20
21	---	---	---	5.71	2.31	2.34	1.97	16.8	7.20	3.73	---	---	21
22	---	---	---	5.61	2.21	2.31	1.58	12.0	6.89	3.46	---	---	22
23	---	---	---	5.48	2.14	2.35	1.92	8.56	6.51	3.16	---	---	23
24	---	---	---	5.73	2.11	5.79	2.13	8.65	6.18	2.81	---	---	24
25	---	---	---	6.21	3.40	14.8	3.10	5.47	6.07	2.57	---	---	25
26	---	---	---	6.23	8.45	9.89	2.26	4.97	5.66	2.23	---	---	26
27	---	---	---	6.19	7.16	6.87	1.77	4.40	5.59	3.07	---	---	27
28	---	---	---	6.01	6.17	6.76	1.48	3.87	5.26	2.37	---	---	28
29	---		---	5.86	6.63	5.27	1.31	3.54	4.91	2.30e	---	---	29
30	---		---	5.93	5.76	4.61	1.21	3.36	4.66	2.30e	---	---	30
31	---		---		7.68		1.13	3.48		2.30e		---	31
TOTAL	---	---	---	---	131.98	136.26	60.81	184.823	283.43	110.40	---	---	TOTAL
MEAN	---	---	---	---	4.26	4.54	1.96	5.96	9.45	3.56	---	---	MEAN
MAX	---	---	---	---	6.79	14.8	4.13	30.1	33.7	5.40	---	---	MAX
MIN	---	---	---	---	2.11	2.03	1.13	0.921	3.06	2.23	---	---	MIN

e - ESTIMATED

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.77
MAXIMUM DAILY, 33.7 ON SEP 13

MAXIMUM INSTANTANEOUS,
38.9 AT 10:55 MST ON SEP 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 08 N
LONG 116 33 55 W
DRAINAGE AREA, 880 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 250
FEB	---	AUG	10 000
MAR	---	SEP	21 900
APR	---	OCT	5 540
MAY	11 400	NOV	---
JUN	11 800	DEC	---

TOTAL DISCHARGE, 75 900 dam³

ETHEL LAKE NEAR COLD LAKE - STATION NO. 09AC004

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	540.967E	540.921	541.336	541.185	540.990	540.910	540.863	---	---	1
2	---	---	---	540.967E	540.921	541.256	541.183	540.995	540.909	540.858	---	---	2
3	---	---	---	540.967E	540.922	541.279	541.199	540.995	540.907	540.853	---	---	3
4	---	---	---	540.967E	540.918	541.278	541.157	540.987	540.903	540.851	---	---	4
5	---	---	---	540.967A	540.930	541.271	541.148	541.003	540.904	540.843	---	---	5
6	---	---	---	540.966	540.921	541.262	541.146	540.996	540.902	540.842	---	---	6
7	---	---	---	540.960	540.923	541.262	541.137	540.990	540.897	540.838	---	---	7
8	---	---	---	540.938	540.922	541.247	541.128	540.976	540.895	540.833	---	---	8
9	---	---	---	540.933	540.922	541.241	541.121	540.972	540.895	540.824	---	---	9
10	---	---	---	540.927	540.922	541.233	541.112	540.970	540.890	540.826	---	---	10
11	---	---	---	540.933	540.925	541.225	541.102	540.967	540.892	540.824	---	---	11
12	---	---	---	540.932	540.919	541.333	541.094	540.963	540.891	540.818	---	---	12
13	---	---	---	540.934	540.918	541.310	541.083	540.955	540.890	540.814	---	---	13
14	---	---	---	540.932	540.915	541.316	541.071	540.955	540.892	540.815	---	---	14
15	---	---	---	540.918	540.914	541.311	541.083	540.952	540.888	540.813	---	---	15
16	---	---	---	540.915	540.913	541.198	541.062	540.949	540.884	540.810	---	---	16
17	---	---	---	540.918	540.913	541.201	541.038	540.945	540.884	540.813	---	---	17
18	---	---	---	540.921	540.910	541.196	541.016	540.943	540.881	540.814	---	---	18
19	---	---	---	540.918	540.908	541.196	541.004	540.937	540.882	540.811	---	---	19
20	---	---	---	540.933	540.928	541.190	540.994	540.931	540.878	540.808	---	---	20
21	---	---	---	540.948	540.958	541.189	540.984	540.928	540.878	540.807	---	---	21
22	---	---	---	540.947	540.939	541.189	540.983	540.930	540.873	540.804	---	---	22
23	---	---	---	540.944	541.003	541.191	540.980	540.930	540.867	540.808	---	---	23
24	---	---	---	540.945	541.024	541.188	540.981	540.928	540.868	540.798	---	---	24
25	---	---	---	540.938	541.048	541.183	540.980	540.919	540.865	540.796	---	---	25
26	---	---	---	540.933	541.072	541.181	540.973	540.909	540.853	540.795	---	---	26
27	---	541.021A	---	540.934	541.089	541.177	540.971	540.907	540.861	540.781	---	---	27
28	---	---	---	540.932	541.120	541.172	540.967	540.908	540.858	540.786	---	---	28
29	---		---	540.926	541.154	541.169	540.973	540.902	540.853	540.781	---	---	29
30	---		---	540.934	541.181	541.168	540.981	540.897	540.858	540.779A	---	---	30
31	---		---		541.208		540.988	540.914		540.779E		---	31
MEAN	---	---	---	540.933	540.975	541.214	541.054	540.980	540.884	540.815	---	---	MEAN
MAX	---	---	---	540.948	541.208	541.278	541.185	541.003	540.910	540.858	---	---	MAX
MIN	---	---	---	540.915	540.908	541.168	540.967	540.897	540.853	540.779	---	---	MIN

A - MANUAL GAUGE

E - ESTIMATED

WATER LEVELS IN METRES

MAXIMUM DAILY, 541.278 ON JUN 3

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 32 45 N
LONG 110 30 05 W

DRAINAGE AREA,
594 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ETZIKOM COULEE NEAR MEMISKAM - STATION NO. 05AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.2000	0.017	0	0	0	0	0	---	---	1
2	---	---	---	0.2000	0.014	0	0	0	0	0	---	---	2
3	---	---	---	0.2000	0.012	0	0	0	0	0	---	---	3
4	---	---	---	0.2000	0.013	0	0	0	0	0	---	---	4
5	---	---	---	0.198	0.048	0	0	0	0	0	---	---	5
6	---	---	---	0.156	0.038	0.136	0	0	0	0	---	---	6
7	---	---	---	0.139	0.015	0.327	0	0	0	0.119	---	---	7
8	---	---	---	0.130	0.010	0.466	0	0	0	0.233	---	---	8
9	---	---	---	0.116	0	0.153	0	0	0	0.261	---	---	9
10	---	---	---	0.103	0	0.067	0	0	0	0.279	---	---	10
11	---	---	---	0.104	0	0.055	0	0	0	0.287	---	---	11
12	---	---	---	0.088	0	0.035	0	0	0	0.284	---	---	12
13	---	---	0.1599	0.135	0	0.024	0	0	0	0.273	---	---	13
14	---	---	---	0.109	0	0.033	0	0	0	0.252	---	---	14
15	---	---	---	0.094	0	0.032	0	0	0	0.173	---	---	15
16	---	---	---	0.030	0	0.023	0	0	0	0.343	---	---	16
17	---	---	---	0.035	0	0.046	0	0	0	0.350	---	---	17
18	---	---	---	0.084	0	0.068	0	0	0	0.373	---	---	18
19	---	---	---	0.077	0	0.035	0	0	0	0.188	---	---	19
20	---	---	1.43 E	0.135	0	0.028	0	0	0	0.134	---	---	20
21	---	---	---	0.080	0	0.020	0	0	0	0.097	---	---	21
22	---	---	---	0.039	0	0.016	0	0	0	0.335	---	---	22
23	---	---	---	0.033	0	0.013	0	0	0	0.394	---	---	23
24	---	---	---	0.084	0	0	0	0	0	0.183	---	---	24
25	---	---	---	0.056	0	0	0	0	0	0.093	---	---	25
26	---	---	---	0.051	0	0	0	0	0	0.087	---	---	26
27	---	---	---	0.270	0	0	0	0	0	0.048	---	---	27
28	---	---	---	0.116	0	0	0	0	0	0.040	---	---	28
29	---		---	0.053	0	0	0	0	0	0.055A	---	---	29
30	---		---	0.038	0	0	0	0	0	0.070E	---	---	30
31	---		---		0		0	0		0.070E		---	31
TOTAL	---	---	---	3.253	0.152	1.573	0	0	0	4.035	---	---	TOTAL
MEAN	---	---	---	0.104	0.005	0.052	0	0	0	0.181	---	---	MEAN
MAX	---	---	---	0.270	0.048	0.466	0	0	0	0.394	---	---	MAX
MIN	---	---	---	0.030	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.047
MAXIMUM DAILY, 0.466 ON JUN 6
MINIMUM DAILY, 0 ON MAY 6

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 40 N
LONG 111 15 00 W
DRAINAGE AREA, 3 040 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0
APR	261	OCT	432
MAY	13.1	NOV	---
JUN	136	DEC	---

TOTAL DISCHARGE, 842 dam³

SUNICE CREEK NEAR HINTON - STATION NO. 07AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0395	0.0858	0.148	0.305	0.072	0.184	0.189	---	---	1
2	---	---	---	0.1408	0.0888	0.148	0.183	0.072	0.183	0.181	---	---	2
3	---	---	---	0.3308	0.1858	0.130	0.165	0.071	0.173	0.170	---	---	3
4	---	---	---	0.1758	0.1738	0.121	0.153	0.071	0.173	0.180	---	---	4
5	---	---	---	0.1358	0.1678	0.130	0.141	0.073	0.212	0.161A	---	---	5
6	---	---	---	0.1008	0.1388	0.116	0.130	0.071	0.237	0.163A	---	---	6
7	---	---	---	0.0808	0.1308	0.120	0.119	0.085	0.194	0.163	---	---	7
8	---	---	---	0.1808	0.1078	0.189	0.111	0.304	0.188	0.339	---	---	8
9	---	---	---	0.0708	0.1118	0.131	0.101	0.150	0.209	0.253	---	---	9
10	---	---	---	0.0758	0.0888	0.120	0.094	0.148	0.233	0.150	---	---	10
11	---	---	---	0.0838	0.0788	0.118	0.087	0.134	0.200	0.184	---	---	11
12	---	---	---	0.1008	0.0648	0.111	0.098	0.281	0.458	0.148	---	---	12
13	---	---	---	0.1058	0.0738	0.113	0.087	0.248	0.858	0.143	---	---	13
14	---	---	---	0.1078	0.0658	0.107	0.084	0.218	0.843	0.138	---	---	14
15	---	---	---	0.1308	0.0578	0.101	0.078	0.812	0.814	0.143	---	---	15
16	---	---	---	0.1518	0.047	0.091	0.073	0.520	0.438	0.141	---	---	16
17	---	---	---	0.1288	0.038	0.084	0.068	0.497	0.403	0.138	---	---	17
18	---	---	---	0.0418	0.033	0.078	0.078	0.398	0.383	0.134	---	---	18
19	---	---	---	0.1138	0.032	0.076	0.073	0.313	0.314	0.132	---	---	19
20	---	---	---	0.0188	0.029	0.074	0.071	0.494	0.283	0.132	---	---	20
21	---	---	---	0.0338	0.038	0.071	0.067	0.418	0.288	0.130	---	---	21
22	---	---	---	0.0338	0.038	0.091	0.068	0.328	0.243	0.128	---	---	22
23	---	---	---	0.0438	0.038	0.094	0.085	0.288	0.331	0.130	---	---	23
24	---	---	---	0.0488	0.031	0.488	0.098	0.282	0.334	0.1178	---	---	24
25	---	---	---	0.0588	0.088	0.485	0.078	0.251	0.233	0.1178	---	---	25
26	---	---	---	0.0808	0.124	0.380	0.074	0.233	0.218	0.3918	---	---	26
27	---	---	0.0188	0.0818	0.113	0.311	0.072	0.219	0.218	0.1718	---	---	27
28	---	---	0.0118	0.0838	0.181	0.278	0.071	0.206	0.240	0.0888	---	---	28
29	---		0.0108	0.0888	0.214	0.240	0.071	0.195	0.196	0.0728	---	---	29
30	---		0.0118	0.0788	0.183	0.221	0.071	0.194	0.193	0.1108	---	---	30
31	---		0.0188		0.151		0.078	0.193		0.1108		---	31
TOTAL	---	---	---	3.895	3.981	4.868	3.053	7.739	8.787	4.747	---	---	TOTAL
MEAN	---	---	---	0.080	0.086	0.162	0.088	0.249	0.283	0.153	---	---	MEAN
MAX	---	---	---	0.320	0.214	0.485	0.305	0.813	0.858	0.336	---	---	MAX
MIN	---	---	---	0.018	0.029	0.071	0.067	0.071	0.173	0.088	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.103
MAXIMUM DAILY, 0.486 ON SEP 13
MINIMUM DAILY, 0.0188 ON APR 30
MAXIMUM INSTANTANEOUS,
1.09 AT 13:30 MST ON AUG 16

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 10 N
LONG 117 13 55 W
DRAINAGE AREA, 19.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	384
FEB	---	AUG	687
MAR	---	SEP	780
APR	233	OCT	410
MAY	256	NOV	---
JUN	433	DEC	---

TOTAL DISCHARGE, 3 010 dam³

EUREKA RIVER NEAR WORSLEY - STATION NO. 07FB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0	0 B	1.33 A	0.610E	0.051	B	0	0.001	---	---	1
2	---	---	0.0	0.0108	2.04	0.550E	0.001	0	0	0.001	---	---	2
3	---	---	0.0	0.0208	2.05	0.500E	0.000	B	0	0.001	---	---	3
4	---	---	0.0	0.0518	2.59	0.400E	0.274	0	0	0.001	---	---	4
5	---	---	0.0	0.0518	3.64	0.300E	0.304	0	0.001	0	---	---	5
6	---	---	0.0	0.0518	3.30 E	0.300E	0.327	0	0	0.001	---	---	6
7	---	---	0.0	0.4468	2.90 E	0.270E	0.233	0	0	0	---	---	7
8	---	---	0.0	0.0138	2.70 E	0.200E	0.317	0	0	0	---	---	8
9	---	---	0.0	3.69 B	2.55 E	0.130E	0.220	0	0	0.021	---	---	9
10	---	---	0.0	5.08 B	2.35 E	0.100E	0.224	0	0	0.334	---	---	10
11	---	---	0.0	5.97 B	2.15 E	0.100E	0.213	0	0	0.486	---	---	11
12	---	---	0.0	7.34 B	2.00 E	0.080E	0.209	0	0.001	0.423	---	---	12
13	---	---	0.0	11.6 B	1.70 E	0.010E	0.179	0	0.002	0.488	---	---	13
14	---	---	0.0	10.9 B	1.80 E	0.010E	0.094	0.001	0.001	0.527	---	---	14
15	---	---	0.0	14.6 B	1.40 E	0.018E	0.064	0.001	0	0.510	---	---	15
16	---	---	0.0	13.1 B	1.30 E	0.020E	0.047	0.001	0	0.207	---	---	16
17	---	---	0.0	11.6 B	1.15 E	0.038A	0.023	0.001	0	0.218	---	---	17
18	---	---	0.0	8.88 B	1.10 E	0.060	0.018	0	0	0.312	---	---	18
19	---	---	0.0	6.81	0.850E	0.010	0.014	0.001	0	0.484	---	---	19
20	---	---	0.0	4.80	0.635A	0.011	0.013	0	0	0.476	---	---	20
21	---	---	0.0	3.62	0.691A	0.013	0.007	0	0.001	0.416	---	---	21
22	---	---	0.0	2.72	0.525	0.081	0.003	0	0	0.371	---	---	22
23	---	---	0.0	2.26	0.462	0.182	0.001	0	0	0.348	---	---	23
24	---	---	0.0	1.90	0.378	0.432	0.001	0.001	0	0.380	---	---	24
25	---	---	0.0	1.67	0.367	0.706	0	0.001	0	0.364	---	---	25
26	---	---	0.0	1.44	0.327	0.784	0	0.001	0	0.3498	---	---	26
27	---	---	0.0	1.40	0.318	0.781	0	0.001	0	0.2238	---	---	27
28	---	0.0	0.0	1.37	0.334A	0.747	0	0	0	0.1628	---	---	28
29	---		0.0	1.22	0.475E	0.724	0	0	0	0.1408	---	---	29
30	---		0.0	1.17	0.580E	0.636	0	0	0	0.1208	---	---	30
31	---		0.0		0.0840		0	0		0.1008		---	31
TOTAL	---	---	0	130.912	46.230	8.744	4.738	0.009	0.005	7.387	---	---	TOTAL
MEAN	---	---	0	4.36	1.49	0.291	0.153	0	0	0.238	---	---	MEAN
MAX	---	---	0	14.9	3.64	0.791	0.851	0.001	0.002	0.527	---	---	MAX
MIN	---	---	0	0	0.318	0.010	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.805
MAXIMUM DAILY, 14.9 B ON APR 14
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
30.39 AT 22:00 MST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 27 00 N
LONG 119 07 10 W
DRAINAGE AREA, 784 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	409
FEB	---	AUG	0.78
MAR	0	SEP	0.52
APR	11 300	OCT	638
MAY	3 990	NOV	---
JUN	755	DEC	---

TOTAL DISCHARGE, 17 100 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARK, DATE AND TIME WERE ESTIMATED

EXPANSE COULEE NEAR THE MOUTH - STATION NO. 05AC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.121	1.13	1.88	2.08	1.94	0.841	0.325	---	1
2	---	---	---	---	0.108	1.01	1.43	2.02	1.91	0.995	0.347	---	2
3	---	---	---	---	0.087	1.10	1.51	2.08	1.41	1.03	0.343	---	3
4	---	---	---	---	0.080	1.25	1.93	1.98	1.34	1.08	0.343	---	4
5	---	---	---	---	0.098	1.33	1.50	2.03	1.35	1.11	0.321	---	5
6	---	---	---	---	0.118	1.33	1.82	2.11	1.35	1.09	0.2498	---	6
7	---	---	---	---	0.173	1.47	1.59	2.17	1.39	1.06	---	---	7
8	---	---	---	---	0.148	1.55	1.56	2.07	1.33	0.988	---	---	8
9	---	---	---	---	0.135	1.54	1.61	2.17	1.32	0.883	---	---	9
10	---	---	---	---	0.127	1.54	1.60	2.14	1.25	0.976	---	---	10
11	---	---	---	---	0.187	1.50	1.65	2.27	1.21	0.464	---	---	11
12	---	---	---	---	0.263	1.48	1.65	2.34	1.28	0.371	---	---	12
13	---	---	---	---	0.271	1.50	1.69	2.33	1.29	0.362	---	---	13
14	---	---	---	---	0.243	1.63	1.78	2.32	1.12	0.393	---	---	14
15	---	---	---	---	0.187	1.64	1.72	2.24	0.994	0.398	---	---	15
16	---	---	---	---	0.167	1.72	1.70	2.30	0.909	0.388	---	---	16
17	---	---	---	0.071A	0.126	1.68	1.90	2.13	0.703	0.408	---	---	17
18	---	---	---	0.051	0.107	1.66	1.81	2.03	0.662	0.413	---	---	18
19	---	---	---	0.078	0.151	1.76	1.88	2.01	0.716	0.388	---	---	19
20	---	---	---	0.098	0.136	1.76	1.87	1.95	0.716	0.374	---	---	20
21	---	---	---	0.134	0.1838	1.81	1.84	1.93	0.808	0.373	---	---	21
22	---	---	---	0.138	0.4378	1.82	1.83	1.85	0.886	0.351	---	---	22
23	---	---	---	0.088	0.6398	1.81	1.86	1.78	0.810	0.341	---	---	23
24	---	---	---	0.093	0.6018	1.84	1.83	1.85	0.767	0.367	---	---	24
25	---	---	---	0.255	0.6328	1.86	1.86	1.83	0.835	0.359	---	---	25
26	---	---	---	0.404	0.6188	1.82	1.81	1.88	0.801	0.362	---	---	26
27	---	---	---	0.257	0.6408	1.80	1.88	1.88	0.808	0.347	---	---	27
28	---	---	---	0.187	0.6328	1.71	1.83	1.80	0.882	0.332	---	---	28
29	---		---	0.168	0.6398	1.72	2.07	1.81	0.728	0.304	---	---	29
30	---		---	0.131	1.05	1.72	2.06	1.80	0.812	0.328	---	---	30
31	---		---		1.09		1.86	1.86		0.348		---	31
TOTAL	---	---	---	---	10.374	47.88	54.84	60.78	30.331	17.993	---	---	TOTAL
MEAN	---	---	---	---	0.335	1.60	1.77	1.96	1.01	0.582	---	---	MEAN
MAX	---	---	---	---	1.09	1.84	2.07	2.34	1.84	1.11	---	---	MAX
MIN	---	---	---	---	0.080	1.01	1.60	1.80	0.686	0.304	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.30
MAXIMUM DAILY, 2.34 ON AUG 12
MINIMUM DAILY, 0.080 ON MAY 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 15 N
LONG 112 05 00 W
DRAINAGE AREA, 1 030 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 740
FEB	---	AUG	5 350
MAR	---	SEP	3 630
APR	---	OCT	1 480
MAY	886	NOV	---
JUN	4 150	DEC	---

TOTAL DISCHARGE, 18 100 dam³

FALLENTIMBER CREEK NEAR SUNDRE - STATION NO. 05CA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	4.60A	2.27 E	0.788	0.373	0.691	2.70	---	---	1
2	---	---	---	0.7158	4.31	2.14 E	0.727	0.382	0.671	2.58	---	---	2
3	---	---	---	1.38 B	4.83	2.02 A	0.650	0.383	0.606	3.48	---	---	3
4	---	---	---	0.7438	4.33	1.96	0.618	0.339	0.795	2.36	---	---	4
5	---	---	---	0.3648	3.04	1.96	0.578	0.373	0.857	2.21	---	---	5
6	---	---	---	0.1958	2.15	1.82	0.548	0.331	1.23	2.29	---	---	6
7	---	---	---	0.0978	1.74	1.87	0.520	0.291	1.40	2.28	---	---	7
8	---	---	---	0.0438	1.67	1.81	0.472	0.302	1.34	2.14	---	---	8
9	---	---	---	0.1088	1.61	1.80	0.413	0.367	1.29	2.11	---	---	9
10	---	---	---	0.3028	1.41	2.21	0.393	0.403	1.25	2.07	---	---	10
11	---	---	---	1.59 B	1.31	1.97	0.384	0.436	1.37	2.26	---	---	11
12	---	---	---	3.34 B	1.26	1.78	0.384	0.513	4.41	2.20	---	---	12
13	---	---	---	4.05 B	1.08	1.63	0.404	0.543	24.1	2.17	---	---	13
14	---	---	---	3.33 B	1.23	1.61	0.491	0.503	20.2	2.05	---	---	14
15	---	---	---	0.39	1.40	1.44	0.376	0.706	13.3	2.14	---	---	15
16	---	---	---	---	1.36	1.32	0.376	1.08	9.80	2.34	---	---	16
17	---	---	---	---	1.30	1.18	0.817	1.62	7.78	2.35	---	---	17
18	---	---	---	2.08 B	---	1.08	0.588	1.13	6.56	2.19	---	---	18
19	---	---	0.4908	---	---	0.934	0.707	0.871	6.10	2.05	---	---	19
20	---	---	1.03 B	---	---	1.04	0.676	0.782	5.72	1.93	---	---	20
21	---	---	0.9848	---	---	1.09	0.806	0.849	5.32	1.94	---	---	21
22	---	---	---	---	---	1.52	0.529	1.24	4.84	1.94	---	---	22
23	---	---	---	---	---	1.39	0.543	1.25	4.55	1.83	---	---	23
24	---	---	---	0.8478	---	1.38	0.589	1.06	4.32	1.77	---	---	24
25	---	---	---	---	---	1.37	0.959	0.881	3.98	1.57	---	---	25
26	---	---	---	---	---	1.25	0.584	0.723	3.71	1.958	---	---	26
27	---	---	---	---	---	1.10	0.497	0.588	3.53	2.088	---	---	27
28	---	---	---	---	---	0.974	0.459	0.550	3.35	1.808	---	---	28
29	---	---	---	---	---	0.868	0.448	0.617	3.02	1.938	---	---	29
30	---	---	---	---	---	0.787	0.418	0.900	2.87	1.858	---	---	30
31	---	---	---	---	---		0.388	0.585		1.798	---	---	31
TOTAL	---	---	---	---	---	45.193	19.260	20.801	149.052	65.18	---	---	TOTAL
MEAN	---	---	---	---	---	1.51	0.535	0.671	4.97	2.10	---	---	MEAN
MAX	---	---	---	---	---	2.27	0.788	1.62	24.1	2.70	---	---	MAX
MIN	---	---	---	---	---	0.787	0.376	0.291	0.691	1.57	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 24.1 ON SEP 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 44 10 N
LONG 114 39 20 W
DRAINAGE AREA, 498 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 410
FEB	---	AUG	1 600
MAR	---	SEP	12 500
APR	---	OCT	5 930
MAY	---	NOV	---
JUN	3 900	DEC	---

FAWCETT LAKE NEAR SMITH - STATION NO. 07BK005

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	611.388	611.888	611.895	611.597	611.435	611.375	611.489	---	---	1
2	---	---	---	611.388	611.905	611.893	611.598	611.452	611.375	611.504	---	---	2
3	---	---	---	611.370	611.947	611.883	611.591	611.408	611.375	611.510	---	---	3
4	---	---	---	611.370A	611.994	611.851	611.589	611.453	611.374	611.518	---	---	4
5	---	---	---	611.371E	612.050	611.838	611.585	611.447	611.379	611.521	---	---	5
6	---	---	611.343A	611.371E	612.113	611.828	611.580	611.441	611.372	611.527	---	---	6
7	---	---	---	611.371E	612.183	611.817	611.586	611.442	611.372	611.530	---	---	7
8	---	---	---	611.372A	612.191	611.806	611.582	611.440	611.374	611.531	---	---	8
9	---	---	---	611.374A	612.211	611.696	611.587	611.435	611.376	611.532	---	---	9
10	---	---	---	611.378A	612.218	611.586	611.547	611.431	611.378	611.535	---	---	10
11	---	---	---	611.378A	612.213	611.582	611.528	611.429	611.383	611.539	---	---	11
12	---	---	---	611.382E	612.187	611.571	611.528	611.429	611.384A	611.541	---	---	12
13	---	---	---	611.406E	612.166	611.562	611.519	611.426	---	611.545	---	---	13
14	---	---	---	611.419E	612.156	611.550	611.514	611.424	---	611.548	---	---	14
15	---	---	---	611.433E	612.125	611.564	611.503	611.423	---	611.552	---	---	15
16	---	---	---	611.447A	612.101	611.547	611.503	611.418	---	611.560	---	---	16
17	---	---	---	611.459	612.067	611.541	611.497	611.414	---	611.564	---	---	17
18	---	---	---	611.503	612.033	611.535	611.489	611.411	---	611.568	---	---	18
19	---	---	---	611.541	612.000	611.531	611.481	611.408	---	611.570	---	---	19
20	---	---	---	611.590	611.970	611.525	611.478	611.406	---	611.569	---	---	20
21	---	---	---	611.638	611.937	611.521	611.488	611.401	---	611.573	---	---	21
22	---	---	---	611.661	611.910	611.518	611.486	611.397	---	611.574	---	---	22
23	---	---	---	611.678	611.883	611.517	611.469	611.387	---	611.573	---	---	23
24	---	---	---	611.681	611.851	611.529	611.466	611.401	---	611.572	---	---	24
25	---	---	---	611.703	611.835	611.526	611.467	611.400	611.435A	611.570	---	---	25
26	---	---	611.349A	611.714	611.798	611.563	611.453	611.387	611.465	611.569	---	---	26
27	---	---	611.350	611.728	611.776	611.561	611.456	611.383	611.462	611.570	---	---	27
28	---	---	611.368	611.758	611.756	611.570	611.458	611.387	611.467	611.568	---	---	28
29	---	---	611.367	611.790	611.742	611.588	611.462	611.384	611.466	611.581A	---	---	29
30	---	---	611.384	611.830	611.723	611.594	611.458	611.379	611.483	611.580E	---	---	30
31	---	---	611.381		611.706		611.456	611.373		611.588E		---	31
MEAN	---	---	---	611.518	611.908	611.578	611.511	611.417	---	611.569	---	---	MEAN
MAX	---	---	---	611.830	612.218	611.895	611.598	611.456	---	611.574	---	---	MAX
MIN	---	---	---	611.368	611.706	611.517	611.447	611.373	---	611.489	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 612.218 ON MAY 10

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 10 20 N
LONG 113 51 20 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED
DRAINAGE AREA, 1 200 km²

FIREBAG RIVER NEAR THE MOUTH - STATION NO. 07DE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.2 B	8.408	7.508	8.608	136	45.8E	36.4	16.6	14.3	17.6	19.4	12.4 B	1
2	10.1 B	8.358	7.488	8.808	143 A	44.0E	34.0	14.9	14.0	17.4	19.2	12.2 B	2
3	10.0 B	8.308	7.458	9.008	152 E	44.0E	31.2	14.6	13.7	17.2	20.0B	12.0 B	3
4	9.908	8.258	7.438	9.358	162 E	43.5E	30.0	13.9	13.5	16.9	19.8B	11.8 B	4
5	9.808	8.208	7.408	9.588	172 E	42.0E	27.0	13.3	13.5	17.3	19.0B	11.8 B	5
6	9.708	8.158	7.408	48.6 B	187 E	40.0E	25.3	13.0	13.7	17.5	18.7B	11.7 B	6
7	9.658	8.158	7.408	47.9 B	201 E	37.0E	23.7	12.9	13.8	17.8	18.4B	11.6 B	7
8	9.608	8.108	7.408	48.5 B	222 E	34.5E	22.4	12.4	14.0	18.0	18.0B	11.4 B	8
9	9.558	8.058	7.368	46.6 B	236 E	32.0E	21.4	12.5	14.0	17.7	17.7B	11.3 B	9
10	9.958	8.008	7.368	44.7 B	226 E	29.0E	20.3	12.4	14.0	17.4	17.3B	11.2 B	10
11	9.508	7.988	7.368	44.0 B	210 E	27.0E	19.3	12.3	13.8	17.3	17.0B	11.0 B	11
12	9.408	7.978	7.388	45.7 B	190 E	26.5E	18.5	12.3	13.7	16.5	16.6B	10.9 B	12
13	9.308	7.958	7.348	48.4 B	176 E	24.0E	18.4	12.1	13.4	16.5	16.3B	10.8 B	13
14	9.208	7.938	7.328	50.0 B	165 E	22.7E	18.1	11.7	13.1	21.1	15.0B	10.7 B	14
15	9.158	7.908	7.308	74.5 B,	154 E	21.6E	17.7	11.3	13.0	21.6	15.7B	10.6 B	15
16	9.108	7.858	7.308	76.9 B	143 E	20.3A	17.7	11.1	13.7	21.6	15.4B	10.5 B	16
17	9.048	7.808	7.308	86.6 B	132 E	20.6	17.4	10.8	15.6	21.6	15.2B	10.4 B	17
18	8.998	7.778	7.358	87.9 B	121 E	21.2	16.8	10.6	16.2	21.1	14.8B	10.3 B	18
19	8.958	7.758	7.378	77.3 B	112 E	21.7	16.6	10.2	17.6	21.4	14.7B	10.2 B	19
20	8.908	7.738	7.408	76.9 B	107 E	21.6	16.3	10.7	18.5	21.8	14.4B	10.1 B	20
21	8.858	7.708	7.428	70.7 B	100 E	22.6	16.8	11.3	19.0	21.6	14.2B	10.1 B	21
22	8.808	7.658	7.448	66.5 B	93.0E	24.6	16.6	10.6	19.3	22.1	14.0B	10.0 B	22
23	8.758	7.638	7.508	36.6 B	86.5E	26.7	16.7	10.9	19.3	21.8	13.8B	9.958	23
24	8.708	7.608	7.558	34.7 B	80.0E	28.2	16.7	11.1	19.5	21.5	13.6B	9.908	24
25	8.658	7.588	7.608	37.0 B	75.0E	30.6	16.5	12.1	19.3	20.5	13.4B	9.808	25
26	8.608	7.578	7.708	40.4 B	69.0E	36.3	16.6	13.1	19.1	18.6	13.2B	9.758	26
27	8.568	7.558	7.808	61.2 B	63.0E	40.6	16.0	13.7	18.9	17.6	13.0B	9.708	27
28	8.568	7.538	7.908	83.9 B	57.0E	41.4	16.2	13.8	18.7	16.6	12.8B	9.608	28
29	8.508		8.058	127 B	53.0E	40.6	16.1	14.1	18.3	16.4	12.6B	9.558	29
30	8.458		8.208	132	51.0E	38.8	16.1	14.6	17.8	16.4	12.6B	9.508	30
31	8.438		8.408		48.0E		15.9	14.6		16.2		9.408	31
TOTAL	284.46	221.42	233.16	1 644.23	4 135.5	945.4	521.8	388.2	476.4	596.6	477.4	330.25	TOTAL
MEAN	9.18	7.91	7.52	54.8	133	31.5	20.1	12.5	15.9	19.2	15.9	10.7	MEAN
MAX	10.2	8.40	8.40	132	236	45.8	36.4	16.6	19.5	22.1	20.6	12.4	MAX
MIN	8.43	7.53	7.30	8.60	48.0	20.3	15.8	10.2	13.0	16.4	12.6	9.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.3
MAXIMUM DAILY, 236E ON MAY 9
MINIMUM DAILY, 7.30B ON MAR 15

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 36 30 N
LONG 111 10 30 W
DRAINAGE AREA, 5 930 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 600	JUL	53 700
FEB	19 100	AUG	33 600
MAR	20 100	SEP	41 200
APR	142 000	OCT	51 500
MAY	356 000	NOV	41 200
JUN	81 900	DEC	28 500

TOTAL DISCHARGE, 493 000 dam³

FISH CREEK ABOVE LITTLE FISH LAKE - STATION NO. 06CG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.56 B	0.635E	0.007	0	0	0	0.006	0.0068	---	1
2	---	---	0 B	10.5	0.600E	0.005	0	0	0	0.006	0.0068	---	2
3	---	---	0 B	4.72	0.580E	0.003	0	0	0	0.006	0.0078	---	3
4	---	---	0 B	2.29	0.540E	0.002	0	0	0	0.007	0.0088	---	4
5	---	---	0 B	1.34	0.515E	0	0	0	0	0.008	---	---	5
6	---	---	0 B	0.874	0.480E	0.007	0	0	0	0.002	---	---	6
7	---	---	0 B	0.688	0.465E	0.003	0	0	0	0.004	---	---	7
8	---	---	0.0018	0.483	0.425E	0	0	0	0	0.005	---	---	8
9	---	---	0.0018	0.500	0.400E	0	0	0	0	0.007	---	---	9
10	---	---	0.0018	0.558	0.385E	0	0	0	0	0.008	---	---	10
11	---	---	0.0018	0.398	0.338E	0	0	0	0	0.007	---	---	11
12	---	---	0.0018	0.304	0.305E	0	0	0	0	0.008	---	---	12
13	---	---	0.0018	0.302	0.270E	0	0	0	0	0.008	---	---	13
14	---	---	0.0018	0.122	0.240E	0	0	0	0.015	0.005	---	---	14
15	---	---	0.0018	0.088	0.215E	0	0	0	0.015	0.004	---	---	15
16	---	---	0.0018	0.077	0.190E	0	0	0	0.010	0.007	---	---	16
17	---	---	0.0018	0.080	0.160E	0	0	0	0.008	0.008	---	---	17
18	---	---	0.0018	0.040	0.125E	0	0	0	0.005	0.008	---	---	18
19	---	---	0.0058	0.034	0.085E	0	0	0	0.001	0.008	---	---	19
20	---	---	0.0108	0.088	0.085E	0	0	0	0.001	0.008	---	---	20
21	---	---	0.0188	0.075	0.025E	0	0	0	0.003	0.006	---	---	21
22	---	---	0.0258	0.046	0.007A	0	0	0	0.008	0.008	---	---	22
23	---	---	0.0458	0.138	0.002	0	0	0	0.010	0.0058	---	---	23
24	---	---	0.0858	0.168	0.003	0	0	0	0.008	0.0058	---	---	24
25	---	0B	0.0618	0.380	0.012	0	0	0	0.013	0.0038	---	---	25
26	---	0B	0.0858	0.448	0.020	0	0	0	0.013	0.0058	---	---	26
27	---	0B	0.4308	0.408	0.017	0	0	0	0.011	0.0078	---	---	27
28	---	0B	0.5208	0.445	0.018	0	0	0	0.008	0.0058	---	---	28
29	---		0.2508	0.533	0.021	0	0	0	0.008	0.0058	---	---	29
30	---		0.3808	0.681	0.014	0	0	0	0.007	0.0078	---	---	30
31	---		1.53 B		0.008	0	0	0	0.007	0.0078	---	---	31
TOTAL	---	---	4.867	33.287	7.133	0.027	0	0	0.169	0.190	---	---	TOTAL
MEAN	---	---	0.181	1.11	0.230	0.001	0	0	0.005	0.006	---	---	MEAN
MAX	---	---	1.53	10.5	0.635	0.007	0	0	0.015	0.008	---	---	MAX
MIN	---	---	0	0.034	0.002	0	0	0	0	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.186
MAXIMUM DAILY, 10.5 ON APR 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
14.4 AT 00:00 MST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 23 15 N
LONG 112 12 17 W
DRAINAGE AREA, 121 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	403	SEP	12.8
APR	2 880	OCT	16.4
MAY	616	NOV	---
JUN	2.33	DEC	---

TOTAL DISCHARGE, 3 930 dam³

FISH CREEK NEAR PRIDDIS - STATION NO. 05BH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.05 B	1.95	0.885	0.043	0.001	0.085	0.440	---	---	1
2	---	---	0 B	3.75 B	1.83	0.670	0.022	0.001	0.080	0.417	---	---	2
3	---	---	0 B	3.09 B	1.43	0.570	0.018	0.001	0.066	0.400	---	---	3
4	---	---	0 B	2.29 B	1.24	0.519	0.010	0.001	0.064	0.388	---	---	4
5	---	---	0 B	1.36 B	1.27	0.469	0.009	0.001	0.074	0.383	---	---	5
6	---	---	0 B	0.7438	1.12	0.423	0.007	0.001	0.183	0.410	---	---	6
7	---	---	0 B	0.5278	1.02	0.359	0.006	0.001	0.333	0.482	---	---	7
8	---	---	0 B	0.7548	0.860	0.345	0.005	0.001	0.303	0.467	---	---	8
9	---	---	0 B	1.80 B	0.703	0.407	0.004	0.002	0.328	0.401	---	---	9
10	---	---	0 B	2.65 B	0.612	0.495	0.003	0.002	0.583	0.480	---	---	10
11	---	---	0 B	2.11 B	0.586	0.495	0.002	0.002	0.584	0.467	---	---	11
12	---	---	0 B	1.82	0.691	0.387	0.002	0.003	1.90	0.526	---	---	12
13	---	---	0 B	1.80	0.587	0.352	0.003	0.002	4.52	0.581	---	---	13
14	---	---	0.0028	1.78	0.560	0.305	0.003	0.002	3.51	0.564	---	---	14
15	---	---	0.0058	1.53	0.511	0.251	0.003	0.007	2.05	0.567	---	---	15
16	---	---	0.0188	1.17	0.473	0.228	0.003	0.526	1.59	0.588	---	---	16
17	---	---	0.0258	0.937	0.409	0.352	0.004	0.512	1.23	0.573	---	---	17
18	---	---	0.0608	0.783	0.374	0.376	0.003	0.320	1.07	0.585	---	---	18
19	---	---	0.0508	0.742	0.360	0.185	0.003	0.208	0.973	0.532	---	---	19
20	---	---	1.96 B	0.720	0.331	0.107	0.002	0.163	0.840	0.498	---	---	20
21	---	---	1.42 B	0.626	0.262	0.131	0.002	0.185	0.784	0.682	---	---	21
22	---	---	1.04 B	0.586	0.223	0.133	0.001	0.258	0.701	0.485	---	---	22
23	---	---	0.8258	0.519	0.183	0.124	0.002	0.328	0.666	0.436	---	---	23
24	---	---	0.3808	0.550	0.157	0.103	0.077	0.241	0.649	0.4058	---	---	24
25	---	---	0.2648	0.695	0.382	0.097	0.038	0.147	0.829	0.3858	---	---	25
26	---	---	0.2208	0.819	0.738	0.078	0.008	0.108	0.582	0.3808	---	---	26
27	---	08	0.1858	0.826	0.777	0.060	0.005	0.087	0.533	0.3508	---	---	27
28	---	08	0.1518	1.42	0.855	0.043	0.003	0.085	0.492	0.3908	---	---	28
29	---		0.2408	2.83	0.844	0.041	0.003	0.083	0.486	0.3808	---	---	29
30	---		0.3508	2.42	0.810	0.030	0.002	0.071	0.442	0.3408	---	---	30
31	---		0.5508		0.586		0.002	0.068		0.1988		---	31
TOTAL	---	---	8.385	42.745	23 034	8.789	0.395	3.416	28.181	13 888	---	---	TOTAL
MEAN	---	---	0.270	1.42	0.711	0.293	0.010	0.110	0.939	0.447	---	---	MEAN
MAX	---	---	1.96	3.75	1.95	0.885	0.077	0.526	5.52	0.585	---	---	MAX
MIN	---	---	0	0.519	0.183	0.030	0.001	0.001	0.036	0.196	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.521
MAXIMUM DAILY, 5.52 ON SEP 13
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
5.26 AT 08:40 MST ON SEP 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 10 N
LONG 114 19 35 W
DRAINAGE AREA, 269 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	28.5
FEB	---	AUG	255
MAR	723	SEP	3 430
APR	3 690	OCT	1 200
MAY	1 900	NOV	---
JUN	780	DEC	---

TOTAL DISCHARGE, 11 000 dam³

FLAT CREEK NEAR BOYLE - STATION NO. 07CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	4.00 B	2.19	0.049	0.155	0.002	0	0	---	---	1
2	---	---	0 B	4.80 B	1.83	0.042	0.214	0.002	0	0	---	---	2
3	---	---	0 B	3.80 B	1.59	0.041	0.378	0.001	0	0	---	---	3
4	---	---	0 B	2.24 A	1.58	0.037	0.288	0.001	0	0	---	---	4
5	---	---	0 B	2.05	1.45	0.035	0.150	0	0	0	---	---	5
6	---	---	0 B	1.62	1.15	0.022	0.108	0					
7	---	---	0 B	1.50	1.01	0.021	0.084	0	0	0	---	---	6
8	---	---	0 B	1.82	0.874	0.048	0.078	0	0	0	---	---	7
9	---	---	0 B	2.59	0.628	0.051	0.070	0	0	0	---	---	8
10	---	---	0 B	2.20	0.590	0.052	0.044	0	0	0	---	---	9
11	---	---	0 B	2.13	0.472	0.084	0.051	0	0	0	---	---	10
12	---	---	0 B	1.68	0.402	0.080	0.098	0	0	0	---	---	11
13	---	---	0 B	1.64	0.338	0.047	0.138	0	0	0	---	---	12
14	---	---	0 B	1.67	0.301	0.044	0.057	0	0	0	---	---	13
15	---	---	0 B	1.70 A	0.280	0.038	0.045	0	0	0	---	---	14
16	---	---	0.0058	1.37	0.232	0.038	0.012	0	0	0	---	---	15
17	---	---	0.0108	1.23	0.188	0.038	0.007	0	0	0	---	---	16
18	---	---	0.0158	1.12	0.144	0.028	0.006	0	0	0	---	---	17
19	---	---	0.0208	0.997	0.126	0.017	0.005	0	0	0	---	---	18
20	---	---	0.0308	1.03	0.101	0.014	0.008	0	0	0	---	---	19
21	---	---	0.0578	0.708	0.088	0.048	0.004	0	0	0	---	---	20
22	---	---	0.1108	0.825	0.081	0.085	0.005	0	0	0	---	---	21
23	---	---	0.1158	1.03	0.068	0.051	0.004	0	0	0	---	---	22
24	---	---	0.1308	1.48	0.060	0.705	0.004	0	0	0	---	---	23
25	---	---	0.0928	2.22	0.088	0.742	0.004	0	0	0	---	---	24
26	---	---	0.1348	3.62	0.057	0.584	0.004	0	0	0	---	---	25
27	---	---	0.1308	4.84	0.056	0.488	0.006	0	0	0	---	---	26
28	---	---	0.1388	4.11	0.055	0.326	0.004	0	0	0	---	---	27
29	---		0.1098	3.35	0.062	0.345	0.004	0	0	0	---	---	28
30	---		0.1408	2.86	0.045	0.183	0.002	0	0	0A	---	---	29
31	---		3.00 B		0.045		0.003	0	0	0E	---	---	30
TOTAL	---	---	3.216	85.431	18.385	4.195	2.010	0.006	0	0	---	---	31
MEAN	---	---	0.104	2.18	0.539	0.140	0.065	0	0	0	---	---	TOTAL
MAX	---	---	2.00	4.84	2.19	0.742	0.378	0.002	0	0	---	---	MEAN
MIN	---	---	0	0.626	0.045	0.014	0.003	0	0	0	---	---	MAX

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.372
MAXIMUM DAILY, 4.840 ON APR 2
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
4.98 AT 05:45 MST ON APR 27

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 15 N
LONG 113 54 30 W
DRAINAGE AREA, 184 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	174
FEB	---	AUG	0.02
MAR	275	SEP	0
APR	5 000	OCT	0
MAY	1 490	NOV	---
JUN	383	DEC	---

TOTAL DISCHARGE, 7 000 dam³

FORTYMILE CREEK NEAR PINCHER CREEK - STATION NO. 05AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.100E	0.042	0.023	0	0	0	0.051	---	---	1
2	---	---	---	0.100E	0.036	0.061	0	0	0	0.047	---	---	2
3	---	---	---	0.100E	0.034	0.084	0	0	0	0.047	---	---	3
4	---	---	---	0.100E	0.026	0.049	0	0	0	0.042	---	---	4
5	---	---	---	0.100E	0.021	0.038	0	0	0	0.038	---	---	5
6	---	---	---	0.100E	0.020	0.035	0	0	0	0.055	---	---	6
7	---	---	---	0.100E	0.018	0.031	0	0	0	0.077	---	---	7
8	---	---	---	0.100E	0.015	0.014	0	0	0	0.054	---	---	8
9	---	---	---	0.100E	0.013	0.008	0	0	0	0.098	---	---	9
10	---	---	---	0.095A	0.011	0.002	0	0	0	0.111	---	---	10
11	---	---	---	0.175	0.008	0.001	0	0	0	0.212	---	---	11
12	---	---	---	0.159	0.004	0.001	0	0	0	0.528	---	---	12
13	---	---	---	0.107	0.005	0	0	0	0	0.614	---	---	13
14	---	---	---	0.122	0.003	0	0	0	0	0.581	---	---	14
15	---	---	---	0.082	0.003	0	0	0	0	0.508	---	---	15
16	---	---	---	0.117	0.002	0	0	0	0	0.589	---	---	16
17	---	---	---	0.100	0.002	0	0	0	0	0.838	---	---	17
18	---	---	---	0.065	0.002	0	0	0	0	0.582	---	---	18
19	---	---	---	0.058	0.001	0	0	0	0	0.387	---	---	19
20	---	---	---	0.068	0.001	0	0	0	0	0.246	---	---	20
21	---	---	---	0.058	0.001	0	0	0	0.037	0.202	---	---	21
22	---	---	---	0.040	0.001	0	0	0	0.080	0.150	---	---	22
23	---	---	---	0.038	0.001	0	0	0	0.084	0.158	---	---	23
24	---	---	---	0.037	0.001	0	0	0	0.058	0.126	---	---	24
25	---	---	---	0.038	0.007	0	0	0	0.058	0.123	---	---	25
26	---	---	---	0.030	0.021	0	0	0	0.063	0.111	---	---	26
27	---	---	---	0.037	0.058	0	0	0	0.080	0.104	---	---	27
28	---	---	---	0.035	0.016	0	0	0	0.048	0.083	---	---	28
29	---		---	0.032	0.016	0	0	0	0.040	0.095	---	---	29
30	---		---	0.034	0.036	0	0	0	0.045	0.095A	---	---	30
31	---		---		0.027		0	0		0.100E		---	31
TOTAL	---	---	---	2.495	0.481	0.338	0	0	0.519	7.324	---	---	TOTAL
MEAN	---	---	---	0.080	0.013	0.011	0	0	0.017	0.236	---	---	MEAN
MAX	---	---	---	0.175	0.042	0.084	0	0	0.084	0.839	---	---	MAX
MIN	---	---	---	0.026	0.001	0	0	0	0	0.038	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.051
MAXIMUM DAILY, 0.839 ON OCT 17
MINIMUM DAILY, 0 ON JUN 13
MAXIMUM INSTANTANEOUS,
0.932 AT 04:10 MST ON OCT 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 34 25 N
LONG 113 42 00 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	44.8
APR	398	OCT	633
MAY	34.8	NOV	---
JUN	28.3	DEC	---

TOTAL DISCHARGE, 949 dam³

FORSTER RESERVOIR NEAR CROSSFORD - STATION NO. 05CH013

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	26.488	26.333	25.675	25.242	24.484	23.919	24.049	---	---	1
2	---	---	---	26.021	26.319	25.636	25.232	24.433	23.817	24.098	---	---	2
3	---	---	---	25.830	26.311	25.593	25.205	24.405	23.812	24.118	---	---	3
4	---	---	---	26.121	26.306	25.548	25.181	24.380	23.806	24.091	---	---	4
5	---	---	---	26.261	26.297	25.530	25.182	24.348	23.803	24.087	---	---	5
6	---	---	---	26.301	26.285	25.515	25.148	24.313	23.885	24.085	---	---	6
7	---	---	---	26.326	26.282	25.500	25.118	24.272	23.894	24.091	---	---	7
8	---	---	---	26.348	26.278	25.481	25.076	24.247	23.890	24.085	---	---	8
9	---	---	---	26.359	26.283	25.462	24.988	24.234	23.888	24.133	---	---	9
10	---	---	---	26.362	26.294	25.458	24.920	24.219	23.888	24.183	---	---	10
11	---	---	---	26.361	26.282	25.435	24.878	24.200	23.888	24.223	---	---	11
12	---	---	---	26.358	26.267	25.424	24.858	24.230	23.894	24.280	---	---	12
13	---	---	---	26.363	26.251	25.407	24.882	24.280	23.896	24.282	---	---	13
14	---	---	---	26.356	26.251	25.383	24.882	24.182	23.895	24.308	---	---	14
15	---	---	---	26.353	26.244	25.380	24.845	23.984	23.898	24.310	---	---	15
16	---	---	---	26.348	26.242	25.384	24.817	23.783	23.891	24.318	---	---	16
17	---	---	---	26.346	26.235	25.370	24.783	23.635	23.888	24.332	---	---	17
18	---	---	---	26.343	26.234	25.367	24.770	23.284	23.882	24.318	---	---	18
19	---	---	---	26.340	26.229	25.367	24.738	23.073	23.880	24.317	---	---	19
20	---	---	---	26.355	26.227	25.348	24.718	23.029	23.881	24.321	---	---	20
21	---	---	26.324A	26.342	26.222	25.337	24.688	23.067	23.884	24.318	---	---	21
22	---	---	26.320	26.337	26.217	25.336	24.682	23.087	23.863	24.318	---	---	22
23	---	---	26.322	26.336	26.204	25.333	24.663	23.182	23.678	24.318	---	---	23
24	---	---	26.320	26.334	26.143	25.339	24.626	23.288	23.882	24.310	---	---	24
25	---	---	26.327	26.333	26.083	25.388	24.686	23.404	23.878	24.310	---	---	25
26	---	---	26.342	26.330	26.026	25.386	24.672	23.481	23.886	24.308	---	---	26
27	---	---	26.340	26.331	25.974	25.347	24.646	23.584	23.877	24.305	---	---	27
28	---	26.381A	26.362	26.330	25.901	25.327	24.625	23.609	23.732	24.307	---	---	28
29	---		26.361	26.322	25.827	25.288	24.618	23.621	23.881	24.304	---	---	29
30	---		26.378	26.322	25.787	25.270	24.598	23.631	23.900	24.308A	---	---	30
31	---		26.408		25.725		24.477	23.620		24.300E		---	31
MEAN	---	---	---	26.308	26.178	25.418	24.632	23.819	23.818	24.239	---	---	MEAN
MAX	---	---	---	26.363	26.322	25.675	25.242	24.488	23.900	24.323	---	---	MAX
MIN	---	---	---	26.488	25.725	25.270	24.477	23.029	23.678	24.048	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 26.382 ON APR 13

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 51 N
LONG 111 48 58 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
303 km²

FREEMAN RIVER NEAR FORT ASSINIBOINE - STATION NO. 07AH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2908	2.338	10.3	16.9	19.7	3.56	3.35	17.5	---	---	1
2	---	---	0.2908	2.228	13.9E	18.8	16.9	3.43	3.40	17.7	---	---	2
3	---	---	0.2908	2.448	17.6	14.0	11.7	3.29	3.61	16.3	---	---	3
4	---	---	0.2908	2.228	36.0	11.3	9.81	3.34	3.83	20.3	---	---	4
5	---	---	0.3959	2.088	42.2	9.77	8.54	3.02	3.81	19.3	---	---	5
6	---	---	1.19 B	2.398	41.4	8.85	7.30	2.74	3.81	19.5	3.018	---	6
7	---	---	1.56 B	2.698	42.2	8.03	6.62	2.84	4.70	16.7	---	---	7
8	---	---	1.92 B	2.518	38.7	7.72	6.33	2.84	4.05	16.6	---	---	8
9	---	---	1.19 B	2.418	41.7	7.17	6.74	2.80	4.58	14.7	---	---	9
10	---	---	1.27 B	2.698	40.8	6.95	5.60	2.74	4.39	13.6	---	---	10
11	---	---	1.16 B	3.119	43.7	6.35	5.65	3.05	4.14	12.3	---	---	11
12	---	---	1.21 B	3.47	35.5	6.28	5.74	3.90	4.72	10.5	---	---	12
13	---	---	1.12 B	5.41	31.3	5.66	5.37	3.87	5.41	11.0	---	---	13
14	---	---	1.45 B	6.53	22.8	4.75	5.30	3.84	33.5	10.8	---	---	14
15	---	---	2.00 B	11.2	24.2	4.82	5.09	4.22	35.3	10.9	---	---	15
16	---	---	3.40 B	10.7	22.4	4.48	5.80	9.38	23.8	12.8	---	---	16
17	---	---	2.80 B	11.0	22.9	4.34	5.58	7.66	22.2	13.2	---	---	17
18	---	---	2.40 B	11.3	23.5	4.24	7.40	7.27	25.0	11.7	---	---	18
19	---	---	2.00 B	11.3	23.4	4.30	6.05	5.86	18.3	10.7	---	---	19
20	---	---	1.82 B	11.4	23.5	4.08	5.35	5.30	16.1	10.0	---	---	20
21	---	---	0.9868	11.5	21.0	4.12	4.84	4.89	14.6	9.20	---	---	21
22	---	---	1.01 B	8.85	18.3	4.14	4.36	4.30	15.3	8.45	---	---	22
23	---	---	0.8928	8.87	16.9	4.74	4.32	4.32	24.6	7.08	---	---	23
24	---	---	1.11 B	8.80	16.8	5.07	4.26	4.01	21.3	8.85	---	---	24
25	---	---	1.21 B	8.41	15.8	72.2	4.10	3.92	21.5	6.289	---	---	25
26	---	---	1.33 B	10.8	15.7	80.1	4.18	3.68	20.8	6.008	---	---	26
27	---	---	1.48 B	10.5	14.7	67.8	4.44	3.33	25.5	4.928	---	---	27
28	---	---	1.63 B	10.2	13.1	62.7	4.46	3.16	26.3	4.788	---	---	28
29	---		1.76 B	11.3	14.6	33.8	4.68	3.10	25.0	4.548	---	---	29
30	---		1.92 B	9.99	21.6	25.7	4.06	3.17	21.8	4.288	---	---	30
31	---		2.02 B		19.2		3.83	3.27		4.068		---	31
TOTAL	---	---	42.128	208.19	761.6	495.56	201.53	125.98	473.51	383.23	---	---	TOTAL
MEAN	---	---	1.36	6.94	25.3	16.5	6.50	4.06	15.8	11.4	---	---	MEAN
MAX	---	---	3.40	11.5	43.7	80.1	19.7	9.38	35.5	20.3	---	---	MAX
MIN	---	---	0.298	2.09	10.3	4.08	3.83	3.74	3.35	4.08	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.9
MAXIMUM DAILY, 80.1 ON JUN 26
MINIMUM DAILY, 0.2908 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 21 52 N
LONG 114 54 13 W
DRAINAGE AREA, 1 650 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17 400
FEB	---	AUG	10 800
MAR	3 540	SEP	40 800
APR	18 000	OCT	30 500
MAY	67 500	NOV	---
JUN	42 800	DEC	---

TOTAL DISCHARGE, 232 000 dam³

GALWEY BROOK NEAR WATERTON PARK - STATION NO. 05AB904

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.139	0.838	0.021	0.114	0.068	0.873	---	---	1
2	---	---	---	---	0.147	1.02	0.017	0.119	0.068	0.887	---	---	2
3	---	---	---	---	0.534	0.912	0.014	0.078	0.090	0.555	---	---	3
4	---	---	---	---	1.04	0.792	0.010	0.095	0.084	0.514	---	---	4
5	---	---	---	---	0.937	0.753	0.007	0.085	0.090	0.502	---	---	5
6	---	---	---	---	0.829	0.656	0.007	0.085	0.108	0.488	---	---	6
7	---	---	---	---	0.778	0.649	0.010	0.084	0.085	0.440	---	---	7
8	---	---	---	---	0.756	0.692	0.034	0.084	0.084	0.415	---	---	8
9	---	---	---	---	0.773	0.630	0.084	0.084	0.085	0.434	---	---	9
10	---	---	---	---	0.726	0.554	0.084	0.084	0.085	0.461	---	---	10
11	---	---	---	---	0.710	0.500	0.080	0.085	0.085	0.508	---	---	11
12	---	---	---	---	0.688	0.430	0.081	0.085	1.10	0.483	---	---	12
13	---	---	---	---	0.627	0.374	0.083	0.085	1.53	0.456	---	---	13
14	---	---	---	---	0.597	0.361	0.082	0.084	0.851	0.458	---	---	14
15	---	---	---	---	0.594	0.318	0.089	0.033	0.800	0.595	---	---	15
16	---	---	---	---	0.510	0.274	0.080	0.134	0.492	0.639	---	---	16
17	---	---	---	---	0.484	0.281	0.084	0.082	0.378	0.858	---	---	17
18	---	---	---	---	0.338	0.284	0.085	0.084	0.388	0.850	---	---	18
19	---	---	---	---	0.318	0.184	0.134	0.088	0.305	0.748	---	---	19
20	---	---	---	---	0.388	0.097	0.133	0.088	0.384	0.718	---	---	20
21	---	---	---	---	0.389	0.080	0.118	0.088	0.348	0.732	---	---	21
22	---	---	---	---	0.486	0.072	0.138	0.088	0.483	0.776	---	---	22
23	---	---	---	---	0.487	0.071	0.138	0.082	0.571	0.695	---	---	23
24	---	---	---	---	0.485	0.078	0.145	0.078	0.584	0.695	---	---	24
25	---	---	---	---	0.432	0.071	0.138	0.093	0.584	0.681	---	---	25
26	---	---	---	---	0.358	0.088	0.134	0.117	0.588	0.808	---	---	26
27	---	---	---	---	0.289	0.030	0.143	0.103	0.883	0.881	---	---	27
28	---	---	---	---	0.248	0.038	0.133	0.085	0.857	0.878A	---	---	28
29	---		---	0.131A	0.217	0.028	0.124	0.083	0.818	0.850E	---	---	29
30	---		---	0.131	0.304	0.034	0.124	0.088	0.877	0.850E	---	---	30
31	---		---		0.585		0.121	0.088		0.850E		---	31
TOTAL	---	---	---	---	15.041	11.139	3.464	1.893	13.775	17.875	---	---	TOTAL
MEAN	---	---	---	---	0.517	0.371	0.078	0.088	0.428	0.577	---	---	MEAN
MAX	---	---	---	---	1.04	1.02	0.145	0.134	1.53	0.778	---	---	MAX
MIN	---	---	---	---	0.139	0.028	0.007	0.084	0.084	0.419	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.53 ON SEP 13

MAXIMUM INSTANTANEOUS,
3.33 AT 19:30 MST ON SEP 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 35 N
LONG 113 51 00 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	311
FEB	---	AUG	168
MAR	---	SEP	1 100
APR	---	OCT	1 000
MAY	1 300	NOV	---
JUN	900	DEC	---

GHOST LAKE NEAR COCHRANE - STATION NO. 05BE005

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1191.49	1191.19	1191.55	1191.31	1190.40	1187.17	1188.97	1190.43	1190.70	1190.88	1190.91	1191.01	1
2	1191.52	1191.22	1191.52	1191.31	1190.30	1187.20	1190.03	1190.46	1190.70	1190.96	1190.88	1191.01	2
3	1191.52	1191.25	1191.52	1191.34	1190.15	1187.14	1190.03	1190.46	1190.73	1191.01	1191.04	1191.01	3
4	1191.52	1191.25	1191.55	1191.31	1190.00	1187.14	1188.97	1190.43	1190.70	1191.07	1190.91	1191.04	4
5	1191.55	1191.28	1191.55	1191.31	1189.82	1187.29	1189.94	1190.40	1190.76	1191.04	1190.85	1191.01	5
6	1191.59	1191.31	1191.55	1191.31	1189.48	1187.44	1190.00	1190.40	1190.85	1191.07	1190.91	1190.98	6
7	1191.59	1191.34	1191.52	1191.31	1189.18	1187.53	1190.03	1190.40	1190.98	1191.07	1190.91	1190.95	7
8	1191.59	1191.31	1191.52	1191.28	1189.06	1187.68	1189.97	1190.40	1191.04	1191.07	1190.91	1190.95	8
9	1191.55	1191.34	1191.55	1191.28	1188.72	1187.81	1189.94	1190.40	1191.07	1191.10	1190.91	1190.78	9
10	1191.52	1191.34	1191.55	1191.22	1188.45	1187.98	1190.00	1190.37	1191.07	1191.10	1190.85	1190.67	10
11	1191.49	1191.40	1191.49	1191.04	1188.26	1188.02	1190.03	1190.34	1191.07	1191.04	1190.82	1190.55	11
12	1191.52	1191.49	1191.46	1191.04	1187.87	1187.99	1190.06	1190.30	1191.13	1191.04	1190.61	1190.52	12
13	1191.52	1191.43	1191.40	1190.98	1187.59	1188.14	1190.06	1190.30	1191.10	1191.07	1190.64	1190.55	13
14	1191.46	1191.37	1191.40	1190.95	1187.29	1188.36	1190.06	1190.30	1191.16	1191.01	1190.70	1190.55	14
15	1191.49	1191.34	1191.46	1190.91	1186.92	1188.51	1190.00	1190.37	1191.13	1191.04	1190.85	1190.46	15
16	1191.49	1191.40	1191.49	1190.91	1188.85	1188.63	1190.03	1190.85	1191.01	1191.07	1190.91	1190.49	16
17	1191.49	1191.49	1191.52	1190.91	1188.36	1188.86	1190.06	1190.84	1191.04	1191.07	1190.85	1190.52	17
18	1191.55	1191.49	1191.52	1190.85	1188.18	1188.89	1190.06	1190.67	1191.01	1191.04	1190.88	1190.46	18
19	1191.55	1191.59	1191.52	1190.85	1188.04	1188.81	1190.18	1190.70	1191.01	1191.07	1190.88	1190.40	19
20	1191.52	1191.52	1191.49	1190.85	1188.01	1189.02	1190.18	1190.82	1190.98	1191.01	1190.85	1190.37	20
21	1191.43	1191.55	1191.49	1190.78	1188.01	1189.12	1190.21	1190.91	1190.95	1190.98	1190.79	1190.21	21
22	1191.43	1191.55	1191.49	1190.78	1188.13	1189.12	1190.21	1191.07	1190.88	1191.01	1190.82	1190.08	22
23	1191.40	1191.55	1191.52	1190.78	1188.31	1189.09	1190.21	1191.10	1191.01	1190.85	1190.82	1189.85	23
24	1191.37	1191.59	1191.52	1190.73	1188.58	1188.93	1190.34	1191.10	1191.01	1190.78	1190.82	1189.79	24
25	1191.34	1191.55	1191.49	1190.79	1188.76	1188.96	1190.37	1191.13	1191.04	1190.85	1190.85	1189.66	25
26	1191.34	1191.55	1191.52	1190.85	1188.83	1188.99	1190.40	1191.13	1191.04	1190.95	1190.82	1189.39	26
27	1191.34	1191.59	1191.49	1190.91	1188.77	1189.24	1190.37	1191.13	1191.04	1190.98	1190.82	1189.21	27
28	1191.40	1191.55	1191.37	1190.78	1188.52	1189.45	1190.37	1191.04	1191.07	1190.95	1190.88	1188.96	28
29	1191.40		1191.28	1190.70	1187.01	1189.70	1190.30	1190.95	1190.95	1190.95	1191.01	1188.66	29
30	1191.31		1191.31	1190.52	1187.04	1189.85	1190.37	1190.79	1190.88	1190.95	1191.01	1188.48	30
31	1191.25		1191.34		1187.07		1190.40	1190.73		1190.95		1188.35	31
MEAN	1191.47	1191.42	1191.48	1190.99	1187.86	1188.38	1190.16	1190.85	1190.97	1191.00	1190.88	1190.22	MEAN
MAX	1191.59	1191.59	1191.55	1191.34	1190.40	1189.85	1190.40	1191.13	1191.16	1191.10	1191.04	1191.04	MAX
MIN	1191.25	1191.19	1191.28	1190.52	1188.01	1187.14	1189.94	1190.30	1190.70	1190.79	1190.61	1188.35	MIN

WATER LEVELS IN METRES

MEAN, 1190.42
MAXIMUM DAILY, 1191.59 ON JAN 6
MINIMUM DAILY, 1188.01 ON MAY 20

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 13 00 N
LONG 114 43 00 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
5 480 km²

GHOST RIVER ABOVE WAIPAROUS CREEK - STATION NO. 05BC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.04	1.58	1.47	1.42	1.65	1.30	1.68	2.71	2.74	3.24	3.64	3.53	1
2	2.13	1.55	1.48	1.45	1.76	1.30	1.72	2.78	2.78	3.24	3.67	3.50	2
3	2.21	1.56	1.44	1.48	1.69	1.31	1.77	2.78	2.78	3.27	3.67	3.50	3
4	2.13	1.61	1.44	1.48	1.60	1.32	1.80	2.77	2.71	3.27	3.67	3.43	4
5	2.08	1.63	1.48	1.47	1.62	1.31	1.83	2.78	2.81	3.30	3.65	3.38	5
6	1.98	1.58	1.43	1.47	1.68	1.28	1.85	2.74	3.01	3.40	3.74	3.38	6
7	1.97	1.58	1.43	1.47	1.63	1.28	1.68	2.78	2.84	3.42	3.67	3.38	7
8	1.95	1.54	1.42	1.46	1.58	1.28	1.81	2.83	3.00	3.42	3.68	3.35	8
9	1.93	1.53	1.43	1.53	1.55	1.25	1.81	2.89	2.98	3.44	3.68	3.33	9
10	1.90	1.53	1.41	1.58	1.54	1.24	1.88	2.81	2.97	3.50	3.70	3.31	10
11	1.91	1.54	1.43	1.50	1.55	1.24	2.05	2.93	2.88	3.58	3.71	3.30	11
12	1.89	1.51	1.41	1.64	1.55	1.23	2.14	3.00	6.57	3.58	3.71	3.31	12
13	1.86	1.49	1.41	1.70	1.57	1.23	2.20	2.91	6.67	3.58	3.69	3.30	13
14	1.85	1.50	1.41	1.76	1.58	1.23	2.21	2.88	6.28	3.61	3.70	3.26	14
15	1.84	1.53	1.43	1.85	1.58	1.22	2.25	3.73	4.04	3.68	3.72	3.23	15
16	1.83	1.53	1.42	1.80	1.58	1.22	2.36	3.25	3.84	3.79	3.78	3.29	16
17	1.78	1.52	1.44	1.66	1.55	1.20	2.54	3.00	3.34	3.78	3.78	3.14	17
18	1.79	1.51	1.45	1.64	1.53	1.21	2.43	2.98	3.28	3.78	3.73	3.12	18
19	1.78	1.50	1.48	1.64	1.51	1.22	2.40	2.68	3.32	3.82	3.70	3.10	19
20	1.73	1.48	1.47	1.62	1.50	1.39	2.41	2.88	3.32	3.84	3.73	3.08	20
21	1.75	1.48	1.47	1.68	1.18	1.36	2.48	3.05	3.32	3.85	3.74	3.05	21
22	1.74	1.48	1.48	1.67	1.18	1.40	2.54	3.01	3.33	3.87	3.77	3.04	22
23	1.71	1.47	1.42	1.67	1.20	1.38	2.60	2.88	3.31	3.88	3.77	3.03	23
24	1.70	1.47	1.43	1.65	1.37	1.41	2.63	2.82	3.27	3.88	3.78	3.00	24
25	1.68	1.47	1.43	1.68	1.34	1.43	2.38	2.81	3.27	3.89	3.89	2.84	25
26	1.67	1.47	1.43	1.63	1.33	1.46	2.48	2.81	3.28	3.88	3.88	2.85	26
27	1.68	1.48	1.41	1.62	1.31	1.47	2.58	2.78	3.28	3.86	3.86	2.82	27
28	1.68	1.47	1.41	1.62	1.29	1.53	2.60	2.88	3.24	3.86	3.86	2.85	28
29	1.64		1.41	1.63	1.28	1.57	2.58	2.84	3.28	3.82	3.88	2.82	29
30	1.60		1.40	1.58	1.28	1.64	2.68	2.77	3.28	3.80	3.88	2.78	30
31	1.58		1.38		1.31		2.78	2.78		3.88		2.77	31
TOTAL	58.88	43.34	44.34	46.88	42.03	39.88	69.87	89.77	104.84	113.37	111.59	98.33	TOTAL
MEAN	1.86	1.51	1.43	1.63	1.36	1.33	2.34	2.90	3.49	3.66	3.72	3.17	MEAN
MAX	2.21	1.66	1.48	1.80	1.85	1.64	2.78	3.73	6.67	3.86	3.88	3.53	MAX
MIN	1.58	1.47	1.38	1.62	1.18	1.20	1.68	2.71	2.71	3.27	3.86	2.77	MIN

DISCHARGE IN CUBIC METRES PER SECOND

MEAN, 2.35
MAXIMUM DAILY, 6.67 ON SEP 13
MINIMUM DAILY, 1.18 ON MAY 21
MAXIMUM INSTANTANEOUS,
11.7 AT 23:58 MST ON SEP 13

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 15 N
LONG 114 55 15 W
DRAINAGE AREA, 486 km²

REGULATED SINCE 1941

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 320	JUL	6 010
FEB	3 880	AUG	7 780
MAR	3 830	SEP	9 040
APR	3 970	OCT	9 800
MAY	3 630	NOV	9 640
JUN	3 450	DEC	8 500

TOTAL DISCHARGE, 74 300 dam³

GHOST RIVER DIVERSION TO LAKE MINNEWANKA - STATION NO. 05BE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0 B	0.113	3.35	2.06	1.78	2.15	1.84	0.821	0B	1
2	0B	0B	0B	0 B	0.142	3.23	1.87	1.78	2.16	1.81	0.785	0B	2
3	0B	0B	0B	0 B	0.198	2.89	1.78	1.68	2.12	1.70	0.785	0B	3
4	0B	0B	0B	0 B	0.198	3.06	1.70	1.50	2.07	1.84	0.738	0B	4
5	0B	0B	0B	0 B	0.170	3.37	1.70	1.44	2.18	1.59	0.703	0B	5
6	0B	0B	0B	0 B	0.142	3.96	1.61	1.39	2.49	1.59	0.680	0B	6
7	0B	0B	0B	0 B	0.142	3.06	1.50	1.33	2.27	1.53	0.660	0B	7
8	0B	0B	0B	0 B	0.142	4.59	1.43	1.30	2.21	1.47	0.638	0B	8
9	0B	0B	0B	0 B	0.113	3.94	1.35	1.27	2.32	1.44	0.481	0B	9
10	0B	0B	0B	0 B	0.142	2.84	1.38	1.33	2.84	1.39	0.360	0B	10
11	0B	0B	0B	0 B	0.113	2.52	1.33	1.44	4.05	1.36	0.227	0B	11
12	0B	0B	0B	0 B	0.113	2.97	1.30	2.15	5.51	1.33	0.1708	0B	12
13	0B	0B	0B	0.028	0.113	3.33	1.27	2.52	6.77	1.27	0.1438	0B	13
14	0B	0B	0B	0.028	0.113	3.03	1.35	3.68	5.63	1.25	0.1138	0B	14
15	0B	0B	0B	0.057	0.113	2.76	1.19	4.79	5.31	1.25	0.0868	0B	15
16	0B	0B	0B	0.028	0.198	2.41	1.22	5.30	5.88	1.22	0.0578	0B	16
17	0B	0B	0B	0.057	0.311	2.16	1.36	5.89	5.27	1.22	0.0288	0B	17
18	0B	0B	0B	0.057	0.538	2.27	1.27	6.40	4.62	1.16	0 B	0B	18
19	0B	0B	0B	0.085	0.878	2.61	1.27	5.26	3.68	1.13	0 B	0B	19
20	0B	0B	0B	0.057	2.46	3.65	1.27	5.76	3.40	1.10	0 B	0B	20
21	0B	0B	0B	0.057	3.06	3.57	1.19	5.83	3.14	1.08	0 B	0B	21
22	0B	0B	0B	0.057	3.14	3.06	1.19	5.60	2.97	1.05	0 B	0B	22
23	0B	0B	0B	0.057	3.26	2.69	1.22	5.52	2.72	1.03	0 B	0B	23
24	0B	0B	0B	0.057	4.62	2.12	1.19	4.96	2.52	1.02	0 B	0B	24
25	0B	0B	0B	0.057	5.89	1.84	1.13	4.28	2.41	0.991	0 B	0B	25
26	0B	0B	0B	0.057	4.78	1.73	1.10	3.54	2.35	0.934	0 B	0B	26
27	0B	0B	0B	0.057	4.35	1.70	1.10	3.11	2.18	0.936	0 B	0B	27
28	0B	0B	0B	0.085	4.35	1.76	1.10	2.89	2.04	0.934	0 B	0B	28
29	0B		0B	0.085	4.62	1.93	1.13	2.89	1.98	0.878	0 B	0B	29
30	0B		0B	0.113	4.62	2.12	1.47	2.52	1.90	0.878	0 B	0B	30
31	0B		0B		4.93		2.27	2.32		0.930		0B	31
TOTAL	0	0	0	1.076	93.182	83.36	43.42	101.28	100.24	38.889	7.338	0	TOTAL
MEAN	0	0	0	0.036	1.71	2.78	1.40	3.27	3.34	1.25	0.245	0	MEAN
MAX	0	0	0	0.113	5.89	4.89	2.27	6.40	6.77	1.84	0.821	0	MAX
MIN	0	0	0	0	0.113	1.70	1.10	1.27	1.90	0.930	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 6.77 ON SEP 13
MINIMUM DAILY, 0B ON JAN 1

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE -
LOCATION - LAT 51 17 00 N
LONG 115 10 00 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	3 750
FEB	0	AUG	6 750
MAR	0	SEP	6 660
APR	93.2	OCT	3 360
MAY	6 590	NOV	634
JUN	7 200	DEC	0

TOTAL DISCHARGE, 37 000 dam³

GHOST RIVER NEAR BLACK ROCK MOUNTAIN - STATION NO. 05BE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.386	0.632	4.59	2.72	2.04	2.36	2.35	1.38	---	1
2	---	---	---	0.386	0.697	3.78	2.49	2.01	2.44	2.29	1.27	---	2
3	---	---	---	0.386	0.697	3.40	2.36	1.81	2.32	2.15	1.27	---	3
4	---	---	---	0.386	0.885	3.85	2.32	1.70	2.28	2.10	1.27	---	4
5	---	---	---	0.426	0.880	4.05	2.27	1.84	2.44	2.07	1.22	---	5
6	---	---	---	0.435	0.897	3.84	2.15	1.59	2.86	2.04	1.15	---	6
7	---	---	---	0.483	0.897	3.71	2.01	1.53	2.61	1.82	1.18	---	7
8	---	---	---	0.483	0.897	5.68	1.90	1.50	2.62	1.83	1.02	---	8
9	---	---	---	0.470	0.897	4.38	1.81	1.47	2.89	1.87	0.933	---	9
10	---	---	---	0.481	0.909	3.94	1.76	1.53	3.54	1.81	0.793	---	10
11	---	---	---	0.470	0.933	3.11	1.73	1.84	4.98	1.81	0.833	---	11
12	---	---	---	0.470	0.897	3.71	1.70	2.44	16.4	1.78	0.838	---	12
13	---	---	---	0.507	0.883	4.06	1.67	3.04	19.6	1.73	0.823	---	13
14	---	---	---	0.547	0.883	3.82	1.81	3.00	12.7	1.70	0.735	---	14
15	---	---	---	0.498	0.897	3.48	1.84	6.12	9.91	1.70	0.735	---	15
16	---	---	---	0.481	0.909	3.08	1.58	8.54	8.01	1.70	0.708	---	16
17	---	---	---	0.481	0.897	3.76	1.78	8.30	6.77	1.67	0.708	---	17
18	---	---	---	0.481	0.991	3.86	1.67	10.1	5.86	1.61	0.680	---	18
19	---	---	---	0.498	1.42	3.37	1.84	8.83	4.88	1.58	0.680	---	19
20	---	---	---	0.481	3.94	4.70	1.61	7.18	4.38	1.55	0.680	---	20
21	---	---	---	0.481	4.18	4.58	1.53	7.18	3.98	1.55	0.851	---	21
22	---	---	---	0.481	4.35	3.98	1.50	6.88	3.76	1.53	0.851	---	22
23	---	---	---	0.481	4.35	3.36	1.58	6.88	3.43	1.47	0.851	---	23
24	---	---	---	0.481	5.89	2.80	1.47	5.00	3.17	1.47	0.851	---	24
25	---	---	---	0.470	7.93	2.41	1.38	5.13	3.00	1.44	0.851	---	25
26	---	---	---	0.459	5.89	2.24	1.38	4.19	2.84	1.42	0.823	---	26
27	---	---	---	0.459	5.18	2.24	1.33	3.85	2.75	1.42	0.823	---	27
28	---	---	---	0.459	5.31	2.32	1.30	3.31	2.73	1.42	0.823	---	28
29	---		---	0.481	5.31	2.85	1.33	3.06	2.86	1.37	0.823	---	29
30	---		---	0.486	5.49	2.63	1.08	2.83	2.41	1.39	0.823	---	30
31	---		---		5.36		2.61	2.88		1.33		---	31
TOTAL	---	---	---	13.949	75.226	104.49	55.61	135.93	150.20	53.33	24.886	---	TOTAL
MEAN	---	---	---	0.485	2.43	3.48	1.79	4.06	5.01	1.72	0.819	---	MEAN
MAX	---	---	---	0.547	7.93	5.68	2.72	10.1	19.6	2.35	1.38	---	MAX
MIN	---	---	---	0.386	0.632	2.24	1.30	1.47	2.36	1.33	0.634	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.47
MAXIMUM DAILY, 19.6 ON SEP 13
MINIMUM DAILY, 0.386 ON APR 1

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE -
LOCATION - LAT 51 19 00 N
LONG 115 11 00 W
DRAINAGE AREA, 211 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 800
FEB	---	AUG	10 800
MAR	---	SEP	13 000
APR	1 310	OCT	6 600
MAY	8 600	NOV	3 120
JUN	9 930	DEC	---

TOTAL DISCHARGE, 63 100 dam³

GLENMORE RESERVOIR AT CALGARY - STATION NO. 05BJ004

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1074.118	1073.388	1072.248	1072.388	1073.318	1075.088	1075.088	1075.018	1075.548	1075.508	1075.088	1074.888	1
2	1074.078	1073.388	1072.238	1072.388	1073.328	1075.088	1075.088	1074.968	1075.548	1075.508	1075.088	1074.858	2
3	1074.018	1073.258	1072.228	1072.458	1073.378	1075.088	1075.078	1074.928	1075.548	1075.498	1075.088	1074.858	3
4	1073.948	1073.178	1072.198	1072.448	1073.448	1075.088	1075.038	1074.888	1075.558	1075.488	1075.088	1074.858	4
5	1073.928	1073.118	1073.188	1072.448	1073.488	1075.088	1074.988	1074.878	1075.588	1075.488	1075.038	1074.888	5
6	1073.918	1073.068	1073.138	1072.478	1073.488	1075.088	1074.978	1074.838	1075.618	1075.388	1075.988	1074.918	6
7	1073.918	1072.988	1072.088	1072.478	1073.488	1075.038	1074.988	1074.788	1075.608	1075.378	1075.828	1074.988	7
8	1073.898	1072.908	1072.068	1072.508	1073.488	1075.088	1074.918	1074.818	1075.588	1075.408	1075.808	1075.008	8
9	1073.858	1072.868	1072.078	1072.588	1073.488	1075.048	1074.858	1074.838	1075.588	1075.438	1075.488	1075.028	9
10	1073.828	1073.798	1072.068	1072.848	1073.488	1075.088	1074.788	1074.888	1075.588	1075.488	1075.318	1075.048	10
11	1073.818	1072.748	1072.048	1072.718	1073.528	1075.018	1074.738	1074.898	1075.528	1075.498	1075.278	1075.088	11
12	1073.808	1072.678	1072.048	1072.788	1073.588	1075.038	1074.738	1074.848	1075.388	1075.528	1075.278	1075.088	12
13	1073.798	1072.618	1072.038	1072.898	1073.588	1075.088	1074.708	1074.888	1075.038	1075.548	1075.318	1075.118	13
14	1073.788	1072.588	1072.038	1072.898	1073.648	1075.088	1074.788	1075.038	1075.188	1075.548	1075.318	1075.148	14
15	1073.788	1072.528	1072.048	1073.038	1073.588	1075.088	1074.788	1075.218	1075.088	1075.548	1075.288	1075.158	15
16	1073.738	1072.478	1072.088	1073.088	1073.488	1075.048	1074.788	1075.488	1075.018	1075.548	1075.278	1075.178	16
17	1073.738	1072.418	1072.078	1073.118	1073.418	1075.038	1074.888	1075.708	1075.008	1075.528	1075.288	1075.208	17
18	1073.728	1072.378	1072.148	1073.128	1073.388	1075.018	1074.908	1076.008	1075.018	1076.478	1075.258	1075.228	18
19	1073.728	1072.338	1072.238	1073.198	1073.408	1074.958	1074.958	1075.188	1075.088	1076.438	1075.258	1075.248	19
20	1073.708	1072.318	1072.288	1073.248	1073.488	1075.088	1074.988	1076.398	1076.028	1076.388	1075.238	1075.278	20
21	1073.678	1072.278	1072.328	1073.258	1073.528	1075.108	1074.988	1076.518	1076.138	1076.288	1075.218	1075.288	21
22	1073.668	1072.288	1072.358	1073.258	1073.638	1075.098	1074.958	1076.008	1076.228	1076.198	1075.178	1075.298	22
23	1073.648	1072.258	1072.378	1073.268	1073.788	1075.088	1075.018	1076.578	1076.298	1076.108	1075.148	1075.288	23
24	1073.618	1072.238	1072.388	1073.268	1074.018	1075.048	1075.048	1076.528	1076.358	1076.038	1075.128	1075.318	24
25	1073.588	1072.248	1072.388	1073.238	1074.348	1075.048	1075.088	1076.528	1076.418	1076.038	1076.098	1075.178	25
26	1073.578	1072.238	1072.378	1073.288	1074.708	1075.088	1075.088	1076.528	1076.488	1076.058	1075.078	1075.088	26
27	1073.568	1072.248	1072.368	1073.238	1074.928	1075.088	1075.108	1076.528	1076.488	1076.058	1075.048	1075.068	27
28	1073.548	1072.248	1072.358	1073.248	1075.078	1074.988	1074.988	1076.498	1076.498	1076.078	1076.008	1075.048	28
29	1072.518		1072.328	1073.288	1075.148	1075.018	1075.088	1076.498	1076.508	1076.068	1074.988	1075.028	29
30	1073.448		1072.318	1073.318	1075.188	1075.078	1075.088	1076.588	1076.508	1076.088	1074.918	1075.038	30
31	1073.388		1073.318		1075.188		1075.088	1076.588		1076.088		1075.038	31
MEAN	1073.764	1072.841	1072.212	1072.821	1073.835	1075.089	1074.953	1075.867	1076.266	1076.343	1075.402	1075.084	MEAN
MAX	1074.118	1073.388	1072.388	1073.318	1075.188	1075.108	1075.108	1076.608	1076.628	1076.548	1076.088	1075.298	MAX
MIN	1073.388	1072.238	1072.038	1072.388	1073.318	1074.958	1074.708	1074.788	1075.088	1076.038	1074.918	1074.858	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1985

MEAN, 1074.531
MAXIMUM DAILY, 1076.628 ON SEP 11
MINIMUM DAILY, 1072.038 ON MAR 13

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 00 00 N
LONG 114 05 00 W
DATA CONTRIBUTED BY -
CITY OF CALGARY WATER WORKS DEPARTMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -10.839 m ADJUSTMENT TO CONVERT TO CITY OF CALGARY DATUM

DRAINAGE AREA,
1 220 km²

GOAT CREEK AT BANFF PARK BOUNDARY - STATION NO. 05BC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.511	0.2588	0.448	0.482	1.10	1.34	1.28	1.35	1.18	1.30	1.28	1.108	1
2	0.526	0.3588	0.3988	0.483	1.08	1.32	1.27	1.35	1.11	1.26	1.24	1.108	2
3	0.471	0.3838	0.3408	0.484	1.07	1.29	1.28	1.37	1.09	1.24	1.28	1.108	3
4	0.488	0.3408	0.3588	0.430	1.03	1.27	1.31	1.30	1.05	1.25	1.28	1.11	4
5	0.482	0.3988	0.443	0.430	1.01	1.27	1.28	1.31	1.10	1.27	1.28	1.11	5
6	0.488	0.3888	0.428	0.428	1.01	1.28	1.30	1.32	1.12	1.30	1.28	1.11	6
7	0.488	0.4258	0.448	0.427	1.18	1.34	1.30	1.32	1.08	1.29	1.28	1.11	7
8	0.447	0.4288	0.441	0.480	1.12	1.38	1.29	1.34	1.05	1.28	1.28	1.10	8
9	0.442	0.3988	0.430	0.488	1.08	1.34	1.28	1.31	1.04	1.24	1.24	1.08	9
10	0.448	0.3988	0.438	0.858	1.07	1.31	1.30	1.33	1.02	1.21	1.24	1.08	10
11	0.432	0.4288	0.418	1.41	1.13	1.30	1.30	1.32	1.05	1.30	1.33	1.08	11
12	0.481	0.4538	0.428	1.44	1.08	1.29	1.32	1.36	1.36	1.31	1.32	1.08	12
13	0.458	0.442	0.434	1.58	1.08	1.28	1.31	1.33	1.38	1.33	1.33	1.04	13
14	0.444	0.451	0.432	1.52	1.03	1.28	1.31	1.18	1.30	1.28	1.32	1.05	14
15	0.445	0.444	0.429	1.42	1.08	1.28	1.32	1.83	1.34	1.33	1.33	1.08	15
16	0.438	0.448	0.438	1.43	1.08	1.28	1.34	1.43	1.33	1.35	1.34	1.08	16
17	0.438	0.442	0.437	1.42	1.18	1.28	1.39	1.34	1.33	1.33	1.34	1.18	17
18	0.457	0.443	0.438	1.38	1.21	1.28	1.34	1.35	1.37	1.28	1.34	1.11	18
19	0.488	0.443	0.426	1.33	1.24	1.27	1.34	1.38	1.38	1.25	1.33	1.12	19
20	0.478	0.448	0.498	1.34	1.28	1.34	1.33	1.14	1.38	1.28	1.38	1.12	20
21	0.443	0.448	0.488	1.38	1.28	1.31	1.34	1.31	1.48	1.27	1.338	1.12	21
22	0.477	0.448	0.383	1.28	1.38	1.28	1.33	1.38	1.41	1.28	1.338	1.13	22
23	0.438	0.441	0.388	1.28	1.31	1.38	1.34	1.38	1.42	1.34	1.338	1.13	23
24	0.434	0.488	0.398	1.32	1.38	1.28	1.38	1.33	1.41	1.33	1.338	1.13	24
25	0.433	0.442	0.488	1.18	1.58	1.27	1.38	1.33	1.38	1.33	1.308	1.14	25
26	0.483	0.418	0.343	1.19	1.41	1.32	1.34	1.35	1.48	1.38	1.278	1.11	26
27	0.438	0.438	0.381	1.38	1.38	1.21	1.34	1.34	1.37	1.28	1.228	1.12	27
28	0.3988	0.428	0.388	1.32	1.24	1.19	1.38	1.27	1.32	1.33	1.188	1.14	28
29	0.3118		0.358	1.21	1.28	1.32	1.32	1.34	1.32	1.28	1.138	1.15	29
30	0.1788		0.388	1.18	1.32	1.28	1.34	1.31	1.34	1.28	1.138	1.15	30
31	0.2988		0.438		1.33		1.38	1.18		1.28		1.15	31
TOTAL	13.381	11.884	13.788	31.358	38.87	38.88	40.88	40.38	37.88	39.18	38.38	34.38	TOTAL
MEAN	0.431	0.411	0.413	1.05	1.18	1.28	1.32	1.38	1.28	1.28	1.3	1.11	MEAN
MAX	0.535	0.458	0.488	1.52	1.58	1.38	1.38	1.83	1.42	1.38	1.38	1.18	MAX
MIN	0.178	0.288	0.348	0.484	1.01	1.18	1.27	1.14	1.83	1.28	1.13	1.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.83
MAXIMUM DAILY, 1.83 ON AUG 18
MINIMUM DAILY, 0.1788 ON JAN 30

DATA CONTRIBUTED BY
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 03 30 N
LONG 115 25 00 W
DRAINAGE AREA, 40.8 km²

B - ICE CONDITIONS

REGULATED SINCE 1951

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN 1 150	JUL 3 400
FEB 984	AUG 3 400
MAR 1 100	SEP 3 250
APR 2 710	OCT 3 200
MAY 3 170	NOV 3 400
JUN 3 330	DEC 2 950

TOTAL DISCHARGE, 32 000 dam³

GOLD CREEK NEAR PEACE RIVER - STATION NO. 07AA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.310E	0.450	0.546	0.342	0.248	0.250	0.474	0.624	---	1
2	---	---	---	0.309E	0.507	0.545	0.336	0.251	0.257	0.469	0.630	---	2
3	---	---	---	0.300A	0.617	0.533	0.331	0.246	0.248	0.472	0.641	---	3
4	---	---	---	0.277	0.687	0.520	0.323	0.237	0.250	0.470	0.643	---	4
5	---	---	---	0.273	0.636	0.508	0.321	0.234	0.257	0.459	0.637	---	5
6	---	---	---	0.288	0.804	0.500	0.320	0.233	0.300	0.488	0.622	---	6
7	---	---	---	0.288	0.882	0.530	0.322	0.234	0.278	0.444	0.591	---	7
8	---	---	---	0.278	0.896	0.515	0.313	0.245	0.281	0.441	0.610	---	8
9	---	---	---	0.302	0.804	0.500	0.308	0.258	0.284	0.423	0.575	---	9
10	---	---	---	0.317	0.810	0.488	0.302	0.258	0.285	0.457	0.5808	---	10
11	---	---	---	0.329	0.800	0.479	0.298	0.250	0.289	0.482	0.5458	---	11
12	---	---	---	0.338	0.582	0.474	0.294	0.256	0.645	0.482	0.5368	---	12
13	---	---	---	0.380	0.583	0.484	0.287	0.255	0.605	0.458	0.5308	---	13
14	---	---	---	0.470	0.556	0.457	0.289	0.248	0.645	0.482	0.5238	---	14
15	---	---	---	0.445	0.551	0.442	0.284	0.319	0.574	0.484	0.4818	---	15
16	---	---	---	0.418	0.584	0.423	0.286	0.299	0.534	0.508	0.4408	---	16
17	---	---	---	0.418	0.588	0.421	0.309	0.277	0.540	0.519	0.4388	---	17
18	---	---	---	0.435	0.634	0.418	0.301	0.286	0.554	0.521	0.4348	---	18
19	---	---	---	0.434	0.685	0.408	0.284	0.282	0.531	0.532	0.4308	---	19
20	---	---	---	0.421	0.681	0.434	0.278	0.283	0.501	0.542	0.4288	---	20
21	---	---	---	0.415	0.685	0.413	0.287	0.279	0.506	0.558	0.4268	---	21
22	---	---	---	0.411	0.650	0.392	0.287	0.277	0.515	0.569	0.4248	---	22
23	---	---	---	0.412	0.633	0.391	0.282	0.285	0.505	0.585	0.4228	---	23
24	---	---	---	0.402	0.620	0.385	0.280	0.285	0.493	0.582	0.4208	---	24
25	---	---	---	0.389	0.636	0.387	0.272	0.247	0.478	0.626	0.4188	---	25
26	---	---	---	0.398	0.621	0.382	0.283	0.249	0.475	0.619	0.4168	---	26
27	---	---	---	0.398	0.588	0.388	0.282	0.253	0.483	0.618	0.4168	---	27
28	---	---	---	0.403	0.578	0.390	0.283	0.252	0.486	0.631	0.4178	---	28
29	---		---	0.418	0.589	0.389	0.283	0.248	0.487	0.628	0.4168	---	29
30	---		---	0.430	0.549	0.353	0.280	0.244	0.478	0.637	0.4158	---	30
31	---		---		0.543		0.285	0.244		0.632		---	31
TOTAL	---	---	---	11.072	18.485	13.387	9.078	7.983	13.221	15.230	15.111	---	TOTAL
MEAN	---	---	---	0.389	0.596	0.446	0.293	0.257	0.441	0.524	0.504	---	MEAN
MAX	---	---	---	0.470	0.887	0.546	0.342	0.319	0.605	0.637	0.643	---	MAX
MIN	---	---	---	0.289	0.450	0.383	0.285	0.233	0.248	0.423	0.415	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.438
MAXIMUM DAILY, 0.805 ON SEP 13
MINIMUM DAILY, 0.233 ON AUG 6
MAXIMUM INSTANTANEOUS,
0.959 AT 21:15 MST ON SEP 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 08 N
LONG 114 26 00 W
DRAINAGE AREA, 62.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	784
FEB	---	AUG	888
MAR	---	SEP	1 140
APR	957	OCT	1 400
MAY	1 890	NOV	1 310
JUN	1 150	DEC	---

TOTAL DISCHARGE, 9 040 dam³

GRANDE PRAIRIE CREEK NEAR BERESMITH - STATION NO. 07EE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.17B	1.13	0.055	0.258	0	0	0.005	---	---	1
2	---	---	0 B	3.50B	1.28	0.044	0.125	0	0	0.004	---	---	2
3	---	---	0 B	1.76B	1.50	0.038	0.081	0	0	0.004	---	---	3
4	---	---	0 B	1.78	1.41	0.030	0.030	0.001	0	0.005	---	---	4
5	---	---	0 B	3.46	1.20	0.025	0.021	0	0	0.006	---	---	5
6	---	---	0 B	3.05	0.958	0.017	0.010	0	0	0.005	---	---	6
7	---	---	0 B	3.47	0.837	0.013	0.005	0.001	0	0.005	---	---	7
8	---	---	0 B	3.81	0.899	0.011	0.003	0.001	0	0.005	---	---	8
9	---	---	0 B	3.38	0.871	0.006	0.002	0.001	0	0.007	---	---	9
10	---	---	0 B	2.48	0.550	0.004	0.001	0.001	0	0.007	---	---	10
11	---	---	0 B	1.77	0.518	0.003	0	0.001	0	0.012	---	---	11
12	---	---	0 B	1.38	0.414	0.002	0	0.001	0.001	0.013	---	---	12
13	---	---	0 B	1.38	0.332	0.001	0	0.001	0.002	0.014	---	---	13
14	---	---	0.001B	1.49	0.278	0.001	0	0.001	0.002	0.051	---	---	14
15	---	---	0.001B	1.31	0.235	0.001	0	0.001	0	0.148	---	---	15
16	---	---	0.001B	1.33	0.201	0	0	0.001	0.001	0.193	---	---	16
17	---	---	0.001B	1.27	0.184	0	0	0.001	0	0.080	---	---	17
18	---	---	0.001B	1.38	0.173	0	0	0.001	0	0.058	---	---	18
19	---	---	0.006B	1.50	0.147	0	0	0.001	0	0.052	---	---	19
20	---	---	0.008B	1.44	0.128	0	0	0	0.001	0.047	---	---	20
21	---	---	0.012B	1.37	0.107	0	0	0	0.007	0.043	---	---	21
22	---	---	0.018B	1.36	0.094	0	0	0	0.036	0.056	---	---	22
23	---	---	0.026B	1.27	0.083	0	0	0	0.023	0.072	---	---	23
24	---	---	0.035B	1.36	0.080	0	0	0.004	0.015	0.058	---	---	24
25	---	0B	0.108B	1.33	0.077	0	0	0.002	0.009	0.055	---	---	25
26	---	0B	0.095B	1.55	0.082	0	0	0.001	0.014	0.048	---	---	26
27	---	0B	0.100B	1.51	0.080	0.247	0	0	0.011	0.043	---	---	27
28	---	0B	0.091B	1.49	0.088	0.587	0	0	0.009	0.037A	---	---	28
29	---		0.100B	1.44	0.073	1.12	0	0	0.005	0.033E	---	---	29
30	---		0.458B	1.14	0.084	0.383	0	0	0.005	0.028E	---	---	30
31	---		1.90 B		0.088		0	0		0.021E		---	31
TOTAL	---	---	3.588	55.84	13.823	3.570	0.519	0.021	0.390	1.231	---	---	TOTAL
MEAN	---	---	0.063	1.80	0.439	0.088	0.017	0.001	0.007	0.040	---	---	MEAN
MAX	---	---	1.90	3.81	1.50	1.12	0.258	0.004	0.037	0.193	---	---	MAX
MIN	---	---	0	1.14	0.080	0	0	0	0	0.004	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.318
MAXIMUM DAILY, 3.81 ON APR 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
6.288 AT 20:30 MST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 22 25 N
LONG 118 54 50 W
DRAINAGE AREA, 183 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	66.8
FEB	---	AUG	1.61
MAR	222	SEP	17.3
APR	4 890	OCT	106
MAY	1 150	NOV	---
JUN	223	DEC	---

TOTAL DISCHARGE, 6 680 dam³

GREASEWOOD RESERVOIR NEAR ELKWATER - STATION NO. 11AB003

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	29.700	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	25.432	---	---	---	5
6	---	---	27.048E	29.685E	29.800E	29.850	29.850E	24.850E	25.900E	25.940E	---	---	6
7	---	---	---	---	29.900	---	---	24.893	---	---	---	---	7
8	---	---	---	---	---	---	29.844	---	---	26.987	---	---	8
9	---	---	---	29.867	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	27.222	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	28.075E	29.893	29.775	29.800E	27.650E	25.115E	25.280E	27.110E	---	---	16
17	---	---	---	---	---	---	27.160	---	26.347	---	---	---	17
18	---	---	---	---	---	29.800	---	---	---	27.160	---	---	18
19	---	---	---	---	---	---	---	25.200	---	---	---	---	19
20	---	---	28.780	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	27.048E	29.789	---	---	---	---	---	25.818	---	---	---	25
26	---	---	---	29.930E	---	29.730E	---	---	26.820E	---	---	---	26
27	---	27.048	29.855	---	29.815E	---	25.075E	25.315E	---	27.214E	---	---	27
28	---	27.048E	---	---	29.820	---	---	25.348	---	27.215	---	---	28
29	---		---	29.912	---	---	24.880	---	---	---	---	---	29
30	---		---	29.902	---	29.710E	---	---	26.880E	---	---	---	30
31	---		29.850E		29.825E		24.885E	25.385E		27.214E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.993 ON APR 16
MINIMUM DAILY, 24.880 ON JUL 29

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 39 54 N
LONG 110 23 58 W

E - ESTIMATED

REGULATED

DRAINAGE AREA,
9.32 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

GREGG RIVER NEAR HINTON - STATION NO. 07AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.12	8.36	8.82	1.87	4.40	4.59	---	---	1
2	---	---	---	---	1.83	8.43	7.81	1.72	4.24	4.52	---	---	2
3	---	---	---	---	3.62	8.06	8.82	1.78	4.25	4.37	---	---	3
4	---	---	---	---	3.81	8.76	8.19	1.85	4.45	4.13	---	---	4
5	---	---	---	---	2.72	8.59	8.88	1.83	4.84	4.05	---	---	5
6	---	---	---	---	2.39	8.36	8.35	1.81	8.18	4.08	---	---	6
7	---	---	---	---	2.13	8.13	8.07	1.72	8.14	4.03	---	---	7
8	---	---	---	---	2.12	8.82	8.74	3.82	4.78	3.47	---	---	8
9	---	---	---	---	2.08	8.23	4.42	4.06	8.38	3.95	---	---	9
10	---	---	---	---	1.85	4.78	4.11	3.92	8.72	3.89	---	---	10
11	---	---	---	1.52 E	1.78	4.48	3.85	3.77	8.21	3.84	---	---	11
12	---	---	---	1.43	1.81	4.37	3.81	8.78	21.8	3.77	---	---	12
13	---	---	---	1.80	1.87	4.33	3.83	8.68	20.5	3.82	---	---	13
14	---	---	---	1.93	1.86	4.21	3.44	8.25	17.1	3.87	---	---	14
15	---	---	---	1.86	1.81	4.27	3.18	16.8	15.0	3.88	---	---	15
16	---	---	---	1.61	1.72	4.00	3.31	15.4	13.2	3.78	---	---	16
17	---	---	---	1.38	1.87	3.87	3.74	13.8	12.1	3.71	---	---	17
18	---	---	---	1.31	2.80	3.88	3.17	13.2	11.1	3.80	---	---	18
19	---	---	---	1.05	3.04	3.85	3.01	10.4	8.84	3.94	---	---	19
20	---	---	---	0.988	3.38	3.73	2.89	12.3	8.82	3.83	---	---	20
21	---	---	---	0.883	3.22	3.80	2.80	12.8	7.78	3.87	---	---	21
22	---	---	---	0.868	3.39	3.83	2.69	10.3	7.10	3.88	---	---	22
23	---	---	---	0.873	3.81	3.88	2.71	9.48	6.41	3.43	---	---	23
24	---	---	---	0.814	3.89	10.3	2.70	8.48	6.38	3.27	---	---	24
25	---	---	---	0.881	8.82	14.3	2.39	8.16	6.87	3.10	---	---	25
26	---	---	---	0.887	8.84	11.9	2.23	7.33	6.88	3.77	---	---	26
27	---	---	---	0.941	8.88	12.1	2.11	8.58	8.84	3.28	---	---	27
28	---	---	---	0.888	8.38	11.7	2.03	8.83	8.18	3.09	---	---	28
29	---		---	0.817	7.38	11.1	1.84	8.36	8.88	3.088	---	---	29
30	---		---	0.881	7.27	8.88	1.88	8.88	4.83	3.088	---	---	30
31	---		---		8.77		1.74	4.88		3.088		---	31
TOTAL	---	---	---	---	103.48	188.84	117.88	210.35	348.73	113.84	---	---	TOTAL
MEAN	---	---	---	---	3.38	8.38	3.78	8.78	8.38	3.88	---	---	MEAN
MAX	---	---	---	---	7.38	14.3	8.82	18.8	21.8	4.88	---	---	MAX
MIN	---	---	---	---	1.12	3.82	1.74	1.81	4.24	3.77	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.34
MAXIMUM DAILY, 21.8 ED SEP 12

MAXIMUM INSTANTANEOUS,
22.8 AT 23:10 MST ON SEP 12

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 08 N
LONG 117 31 30 W

DRAINAGE AREA, 381 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	10 300
FEB	---	AUG	18 300
MAR	---	SEP	21 800
APR	---	OCT	9 770
MAY	8 930	NOV	---
JUN	18 300	DEC	---

TOTAL DISCHARGE, 84 800 dam³

CREGG RIVER NEAR THE MOUTH - STATION NO. 07AP015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	4.73	4.64	---	---	1
2	---	---	---	---	---	---	---	---	4.52	4.74	---	---	2
3	---	---	---	---	---	---	---	---	4.44	4.65	---	---	3
4	---	---	---	---	---	---	---	---	4.65	4.36	---	---	4
5	---	---	---	---	---	---	---	---	5.08	4.27	---	---	5
6	---	---	---	---	---	---	---	---	6.23	4.27	---	---	6
7	---	---	---	---	---	---	---	---	5.32	4.21	---	---	7
8	---	---	---	---	---	---	---	---	4.98	3.70	---	---	8
9	---	---	---	---	---	---	---	---	5.32	4.11	---	---	9
10	---	---	---	---	---	---	---	---	5.97	4.04	---	---	10
11	---	---	---	---	---	---	---	---	6.96	4.08	---	---	11
12	---	---	---	---	---	---	---	---	8.43	3.98	---	---	12
13	---	---	---	---	---	---	---	---	22.3	3.86	---	---	13
14	---	---	---	---	---	---	---	---	18.4	3.81	---	---	14
15	---	---	---	---	---	---	---	---	13.8	3.94	---	---	15
16	---	---	---	---	---	---	---	---	11.0	3.99	---	---	16
17	---	---	---	---	---	---	---	---	8.78	3.92	---	---	17
18	---	---	---	---	---	---	---	---	8.02	3.78	---	---	18
19	---	---	---	---	---	---	---	---	8.18	3.71	---	---	19
20	---	---	---	---	---	---	---	---	7.48	3.82	---	---	20
21	---	---	---	---	---	---	---	---	7.10	3.76	---	---	21
22	---	---	---	---	---	---	---	---	6.71	3.73	---	---	22
23	---	---	---	---	---	---	---	---	6.26	3.59	---	---	23
24	---	---	---	---	---	---	---	---	6.20	3.46	---	---	24
25	---	---	---	---	---	---	---	---	5.84	3.27	---	---	25
26	---	---	---	---	---	---	---	7.25A	5.90	2.93	---	---	26
27	---	---	---	---	---	---	---	6.78	5.85	3.36	---	---	27
28	---	---	---	---	---	---	---	6.33	5.36	3.22	---	---	28
29	---		---	---	---	---	---	5.76	5.16	3.04	---	---	29
30	---		---	---	---	---	---	5.38	4.94	3.18A	---	---	30
31	---		---		---		---	5.05		3.20E		---	31
TOTAL	---	---	---	---	---	---	---	---	226.97	118.81	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	7.57	3.83	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	22.3	4.84	---	---	MAX
MIN	---	---	---	---	---	---	---	---	4.44	3.93	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
23.4 AT 12:11 MST ON SEP 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

A - MANUAL GAUGE

E - ESTIMATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	19 600
APR	---	OCT	10 300
MAY	---	NOV	---
JUN	---	DEC	---

GREGOIRE LAKE NEAR FORT MCMURRAY - STATION NO. 07CE001

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	475.311	475.451	475.665	475.514	475.380	475.288	475.230	475.284A	---	1
2	---	---	---	475.314	475.463	475.657	475.515	475.377	475.280	475.232	---	---	2
3	---	---	---	475.309	475.478	475.648	475.510	475.375	475.285	475.244	---	---	3
4	---	---	---	475.307	475.527	475.638	475.507	475.375	475.258	475.229	---	---	4
5	---	---	---	475.304	475.603	475.634	475.503	475.373	475.279	475.241	---	---	5
6	---	---	---	475.304	475.658	475.629	475.500	475.367	475.283	475.238	---	---	6
7	---	---	---	475.301	475.782	475.623	475.493	475.349	475.253	475.235	---	---	7
8	---	---	---	475.288	475.808A	475.623	475.480	475.344	475.250	475.230	---	---	8
9	---	---	---	475.303	475.840E	475.605	475.471	475.335	475.248	475.226	---	---	9
10	---	---	---	475.302	475.875E	475.590	475.466	475.332	475.244	475.237	---	---	10
11	---	---	475.318A	475.300	475.885E	475.567	475.463	475.328	475.241	475.233	---	---	11
12	---	---	475.318	475.300	475.888E	475.555	475.457	475.328	475.239	475.241	---	---	12
13	---	---	475.316	475.303	475.840E	475.553	475.454	475.320	475.241	475.244	---	---	13
14	---	---	475.312	475.305	475.825E	475.542	475.448	475.315	475.244	475.237	---	---	14
15	---	---	475.310	475.309	475.815E	475.539	475.447	475.317	475.240	475.236	---	---	15
16	---	---	475.308	475.310	475.800E	475.548	475.462	475.308	475.238	475.233	---	---	16
17	---	---	475.306	475.316	475.790E	475.534	475.431	475.302	475.273	475.245	---	---	17
18	---	---	475.307	475.321	475.780E	475.517	475.428	475.295	475.238	475.245	---	---	18
19	---	---	475.303	475.323	475.770E	475.518	475.422	475.293	475.233	475.237	---	---	19
20	---	---	475.308	475.349	475.780E	475.518	475.413	475.308	475.231	475.250	---	---	20
21	---	---	475.308	475.387	475.780E	475.507	475.407	475.288	475.244	475.238	---	---	21
22	---	---	475.309	475.388	475.760E	475.507	475.414	475.293	475.240	475.242	---	---	22
23	---	---	475.308	475.387	475.735E	475.498	475.410	475.293	475.228	475.248	---	---	23
24	---	---	475.308	475.390	475.725E	475.504	475.404	475.283	475.234	475.251	---	---	24
25	---	---	475.310	475.394	475.720A	475.523	475.398	475.287	475.227	475.252A	---	---	25
26	---	---	475.308	475.398	475.708	475.521	475.407	475.303	475.263	475.253A	---	---	26
27	---	---	475.310	475.408	475.701	475.515	475.408	475.288	475.238	475.264	---	---	27
28	---	---	475.310	475.430	475.693	475.515	475.393	475.289	475.227	475.278	---	---	28
29	---		475.308	475.428	475.678	475.515	475.394	475.285	475.238	475.267	---	---	29
30	---		475.309	475.438	475.673	475.518	475.381	475.270	475.225	475.261	---	---	30
31	---		475.308		475.689		475.384	475.270		475.271		---	31
MEAN	---	---	---	475.341	475.721	475.561	475.464	475.317	475.248	475.248	---	---	MEAN
MAX	---	---	---	475.438	475.878	475.665	475.515	475.380	475.279	475.278	---	---	MAX
MIN	---	---	---	475.288	475.451	475.498	475.384	475.288	475.225	475.226	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 475.878E ON MAY 10

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 28 30 N
LONG 111 05 10 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1978

DRAINAGE AREA,
393 km²

GROAT CREEK NEAR WHITECOURT - STATION NO. 07AB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0858	0.2938	2.88	1.33	0.480	0.252	0.287	0.822	0.3178	---	1
2	---	---	0.0808	0.4558	5.36	1.07	0.404	0.252	0.289	0.737	0.3128	---	2
3	---	---	0.0658	0.4368	8.00	0.842	0.375	0.251	0.287	0.798	0.2988	---	3
4	---	---	0.0708	0.4098	6.99	0.682	0.357	0.256	0.287	0.781	0.2888	---	4
5	---	---	0.0748	0.3978	4.57	0.571	0.348	0.255	0.298	0.770	0.2978	---	5
6	---	---	0.0748	1.39 B	3.48	0.525	0.331	0.252	0.308	0.757	---	---	6
7	---	---	0.0718	0.8658	3.12	0.484	0.331	0.252	0.307	0.746	---	---	7
8	---	---	0.0708	0.8308	2.88	0.452	0.288A	0.269	0.313	0.736	---	---	8
9	---	---	0.0708	0.8708	2.53	0.443	0.283E	0.270	0.318	0.824	---	---	9
10	---	---	0.0698	1.00 B	2.16	0.406	0.280E	0.264	0.318	0.815	---	---	10
11	---	---	0.0678	2.50 B	2.04	0.384	0.278E	0.267	0.309	0.806	---	---	11
12	---	---	0.0658	1.63 B	1.78	0.378	0.270E	0.267	0.317	0.816	---	---	12
13	---	---	0.0658	1.30 B	1.44	0.401	0.267E	0.286	35.3	0.838	---	---	13
14	---	---	0.0688	3.00 B	1.38	0.476	0.265E	0.270	9.88	3.45	---	---	14
15	---	---	0.0668	5.00	1.18	0.549	0.264E	0.493	4.28	3.58	---	---	15
16	---	---	0.0678	4.11	1.08	0.572	0.262A	0.361	2.28	3.58	---	---	16
17	---	---	0.0728	4.58	1.00	0.414	0.262	0.328	1.54	3.23	---	---	17
18	---	---	0.0708	4.40	0.934	0.373	0.262	0.318	0.956	2.38	---	---	18
19	---	---	0.0688	3.55	0.982	0.368	0.262	0.312	0.619	1.93	---	---	19
20	---	---	0.0678	2.06	0.788	0.372	0.264	0.318	0.617	1.13	---	---	20
21	---	---	0.0678	0.917	0.706	0.387	0.260	0.307	0.914	0.881	---	---	21
22	---	---	0.0788	1.08	0.621	0.415	0.258	0.314	7.12	0.713	---	---	22
23	---	---	0.0948	1.06	0.571	5.62	0.257	0.305	0.943	0.580	---	---	23
24	---	---	0.1088	0.837	0.791	84.0	0.259	0.300	1.38	0.478	---	---	24
25	---	---	0.1308	1.13	1.75	18.5	0.261	0.299	1.40	0.421	---	---	25
26	---	---	0.1318	1.71	2.76	8.09	0.259	0.298	1.36	0.3838	---	---	26
27	---	---	0.1448	1.36	1.78	3.45	0.258	0.295	1.80	0.3958	---	---	27
28	---	---	0.1588	1.21	1.56	1.43	0.256	0.293	1.18	0.3738	---	---	28
29	---		0.1558	1.21	3.53	0.848	0.256	0.296	0.963	0.3328	---	---	29
30	---		0.1828	1.46	2.16	0.543	0.254	0.294	0.867	0.3438	---	---	30
31	---		0.2048		1.53		0.253	0.294		0.3318		---	31
TOTAL	---	---	2.489	51.841	71.738	111.388	8.942	9.073	71.318	33.493	---	---	TOTAL
MEAN	---	---	0.081	1.73	2.31	3.71	0.288	0.293	2.37	1.08	---	---	MEAN
MAX	---	---	0.204	5.00	8.00	84.0	0.480	0.493	35.3	3.58	---	---	MAX
MIN	---	---	0.055	0.293	0.571	0.368	0.253	0.251	0.287	0.331	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.47
MAXIMUM DAILY, 84.0 ON JUN 24
MINIMUM DAILY, 0.0558 ON MAR 1
MAXIMUM INSTANTANEOUS,
92.7 AT 09:30 MST ON JUN 24

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 01 57 N
LONG 115 50 30 W
DRAINAGE AREA, 134 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	773
FEB	---	AUG	784
MAR	243	SEP	6 150
APR	4 480	OCT	2 890
MAY	8 200	NOV	---
JUN	9 630	DEC	---

TOTAL DISCHARGE, 31 100 dam³

GROS VENTRE CREEK NEAR DUNMORE - STATION NO. 05AH037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.0268	1.72	0.850	0.038	0	0	0	0	---	---	1
2	---	0 B	0.0188	7.58	0.284	0.033	0	0	0	0	---	---	2
3	---	0 B	0.0058	2.85	0.176	0.038	0	0	0	0	---	---	3
4	---	0 B	0.0038	1.61	0.397	0.033	0	0	0	0	---	---	4
5	---	0 B	0.0068	1.12	0.337	0.023	0	0	0	0	---	---	5
6	---	0 B	0.0088	0.955	0.181	0.013	0	0	0	0	---	---	6
7	---	0 B	0.0088	0.887	0.111	0.009	0	0	0	0	---	---	7
8	---	0 B	0.0088	0.888	0.082	0.002	0	0	0	0	---	---	8
9	---	0 B	0.0258	0.819	0.070	0.001	0	0	0	0	---	---	9
10	---	0 B	0.0408	1.15	0.058	0.001	0	0	0	0	---	---	10
11	---	0 B	0.0788	1.23	0.052	0	0	0	0	0	---	---	11
12	---	0 B	0.1708	1.19	0.048	0	0	0	0	0	---	---	12
13	---	0 B	0.1758	0.691	0.102	0	0	0	0	0	---	---	13
14	---	0 B	0.2808	0.815	0.747	0.001	0	0	0	0	---	---	14
15	---	0 B	1.01 B	0.848	2.55	0	0	0	0	0	---	---	15
16	---	0 B	1.14	0.277	1.58	0	0	0	0	0	---	---	16
17	---	0 B	3.82	0.188	1.31	0	0	0	0	0	---	---	17
18	---	0 B	3.10	0.133	0.927	0	0	0	0	0	---	---	18
19	---	0 B	2.35	0.124	0.488	0	0	0	0	0	---	---	19
20	---	0 B	2.62	0.187	0.161	0.001	0	0	0	0	---	---	20
21	---	0 B	2.36	0.138	0.098	0.001	0	0	0	0	---	---	21
22	---	0 B	1.45	0.116	0.077	0.001	0	0	0	0	---	---	22
23	---	0 B	0.883	0.134	0.066	0.001	0	0	0	0	---	---	23
24	---	0 B	0.388	0.313	0.051	0	0	0	0	0	---	---	24
25	---	0 B	0.282	0.810	0.048	0	0	0	0	0	---	---	25
26	---	0 B	0.217	0.988	0.048	0.001	0	0	0	0	---	---	26
27	---	0.0058	0.410	1.88	0.080	0.001	0	0	0	0	---	---	27
28	---	0.0358	0.308	8.13	0.047	0	0	0	0	0A	---	---	28
29	0B		0.128	2.88	0.044	0	0	0	0	0E	---	---	29
30	0B		0.105	1.28	0.045	0	0	0	0	0E	---	---	30
31	0B		0.234		0.047		0	0	0	0E	---	---	31
TOTAL	---	0.036	31.379	41.738	10.788	0.182	0	0	0	0	---	---	TOTAL
MEAN	---	0.001	0.880	1.39	0.348	0.006	0	0	0	0	---	---	MEAN
MAX	---	0.036	3.82	8.13	2.55	0.038	0	0	0	0	---	---	MAX
MIN	---	0	0.003	0.116	0.044	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.272
MAXIMUM DAILY, 8.13 ON APR 28
MINIMUM DAILY, 00 ON FEB 1
MAXIMUM INSTANTANEOUS,
10.8 AT 05:10 MST ON APR 28

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 30 N
LONG 110 30 20 W
DRAINAGE AREA, 215 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	2.59	AUG	0
MAR	1 880	SEP	0
APR	3 810	OCT	0
MAY	933	NOV	---
JUN	18.6	DEC	---

TOTAL DISCHARGE, 6 410 dam³

GULL LAKE AT ASPEN BEACH - STATION NO. 05CC006

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	899.133	898.972	898.829	---	---	---	---	1
2	---	---	---	---	---	899.121	898.970	898.836	---	---	---	---	2
3	---	---	---	---	---	899.129	898.967	898.834	---	---	---	---	3
4	---	---	---	---	---	---	898.970	898.832	---	---	---	---	4
5	---	---	---	899.100	---	899.124	898.963	898.829	---	---	---	---	5
6	---	---	---	---	---	899.131	898.960	---	---	---	---	---	6
7	---	---	---	---	---	---	898.938	898.815	---	---	898.718	---	7
8	---	---	---	---	---	899.027	---	898.832	---	---	---	---	8
9	---	---	---	899.127	---	899.084	---	898.820	---	---	---	---	9
10	---	---	---	---	---	899.132	898.921	898.812	---	898.723	---	---	10
11	---	---	---	---	---	899.050	898.928	898.795	---	---	---	---	11
12	---	---	---	---	---	---	898.916	---	---	---	---	---	12
13	---	---	---	---	---	---	898.914	---	898.778	---	---	---	13
14	---	---	899.080	---	---	899.073	898.911	898.798	---	---	---	---	14
15	---	---	---	---	---	899.090	898.889	898.798	---	---	---	---	15
16	---	---	---	---	---	899.108	898.917	898.793	---	---	---	---	16
17	---	---	---	---	---	---	898.902	898.801	---	---	---	---	17
18	---	---	---	---	---	899.033	---	898.788	---	---	---	---	18
19	---	---	---	---	---	899.041	898.890	---	---	---	---	---	19
20	---	---	---	---	---	899.058	898.887	---	---	---	---	---	20
21	---	---	---	---	---	899.065	898.885	898.821	---	---	---	---	21
22	---	---	---	---	---	899.024	---	898.799	---	---	---	---	22
23	---	---	---	---	---	899.011	---	898.787	---	---	---	---	23
24	---	---	---	---	---	---	898.888	898.784	---	---	---	---	24
25	---	---	899.077	898.184	---	899.016	898.885	898.782	---	---	---	---	25
26	---	---	---	---	---	899.004	898.863	---	---	---	---	---	26
27	---	---	---	---	---	898.982	898.851	---	---	---	---	---	27
28	---	---	---	---	898.144	898.988	898.838	---	---	---	---	---	28
29	---	---	---	---	899.148	898.987	898.836	---	---	---	---	---	29
30	---		---	---	899.135	898.975	898.823	---	---	---	---	---	30
31	---		---	---	899.138		898.821	---	---	---	---	---	31
MEAN	---	---	---	---	899.136	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT. 52 27 28 N
LONG 113 58 03 W

NATURAL FLOW

DRAINAGE AREA, 285 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HAMMER HILL SPILLWAY NEAR CLEICHEN - STATION NO. 05BM005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.281	0.146	0.012	0.186	0.218	0.580	0.0832	0.0318	1
2	---	---	---	---	0.241	0.157	0.030	0.283	0.241	0.572	0.0732	0.0318	2
3	---	---	---	---	0.270	0.139	0.015	0.396	0.251	0.596	0.0672	0.0318	3
4	---	---	---	---	0.321	0.121	0.003	0.416	0.226	0.448	0.0802	0.0318	4
5	---	---	---	---	0.195	0.146	0	0.476	0.225	0.434	0.0554	0.0308	5
6	---	---	---	---	0.131	0.188	0.003	0.442	0.212	0.389	0.0838	0.0288	6
7	---	---	---	---	0.111	0.188	0	0.376	0.309	0.394	0.0508	0.0308	7
8	---	---	---	---	0.138	0.176	0	0.439	0.336	0.376	0.0488	0.0138	8
9	---	---	---	---	0.123	0.083	0	0.393	0.393	0.371	0.0488	0.0078	9
10	---	---	---	---	0.098	0.080	0	0.320	0.438	0.288	0.0488	0.0068	10
11	---	---	---	---	0.124	0.084	0	0.348	0.433	0.400	0.0518	0.0038	11
12	---	---	---	---	0.188	0.058	0	0.488	0.574	0.368	0.0538	0.0028	12
13	---	---	---	---	0.088	0.084	0	0.424	0.621	0.277	0.0548	0.0018	13
14	---	---	---	---	0.094	0.072	0	0.428	0.808	0.338	0.0588	0.0018	14
15	---	---	---	---	0.089	0.068	0	0.501	0.958	0.255	0.0728	0 B	15
16	---	---	---	---	0.085	0.047	0	0.548	0.817	0.277	0.0728	0 B	16
17	---	---	---	---	0.093	0.035	0.003	0.513	0.636	0.270	0.0718	0 B	17
18	---	---	---	---	0.089	0.023	0.008	0.496	0.466	0.178	0.0708	0 B	18
19	---	---	---	---	0.060	0.020	0	0.480	0.483	0.228	0.0688	0 B	19
20	---	---	---	---	0.105	0.018	0	0.590	0.516	0.172	0.0648	0 B	20
21	---	---	---	---	0.117	0.017	0.013	0.532	0.537	0.136	0.0648	0 B	21
22	---	---	---	---	0.1004	0.011	0.008	0.587	0.528	0.183	0.0598	0 B	22
23	---	---	---	---	0.384	0.140	0.008	0.578	0.583	0.131	0.0568	0 B	23
24	---	---	---	---	0.354	0.041	0.014	0.158	0.691	0.180	0.0548	0 B	24
25	---	---	---	---	0.428	0	0.071	0.080	0.757	0.107	0.0518	0 B	25
26	---	---	---	---	0.488	0.011	0.057	0.084	0.801	0.727	0.082	0.0478	0 B	26
27	---	---	---	---	0.456	0.028	0.050	0.088	1.05	0.874	0.100	0.0438	0 B	27
28	---	---	---	---	0.328	0.078	0.041	0.088	1.17	0.849	0.097	0.0388	0 B	28
29	---		---	---	0.288	0.118	0.021	0.080	0.940	0.977	0.108	0.0368	0 B	29
30	---		---	---	0.289	0.148	0.018	0.101	0.384	0.827	0.088	0.0348	0 B	30
31	---		---	---		0.183		0.099	0.230		0.100	0.0328	0 B	31
TOTAL	---	---	---	---	---	3.761	0.718	0.980	15.484	14.588	0.980	1.702	0.332	TOTAL
MEAN	---	---	---	---	---	0.122	0.071	0.032	0.833	0.488	0.288	0.057	0.007	MEAN
MAX	---	---	---	---	---	0.331	0.178	0.155	1.17	0.821	0.898	0.083	0.031	MAX
MIN	---	---	---	---	---	0	0.008	0	0.188	0.212	0.082	0.032	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.281
MAXIMUM DAILY, 1.17 ON AUG 28
MINIMUM DAILY, 0 ON MAY 25

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 50 51 30 N
LONG 113 06 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	64.7
FEB	---	AUG	1 430
MAR	---	SEP	1 280
APR	---	OCT	710
MAY	337	NOV	147
JUN	193	DEC	20.6

TOTAL DISCHARGE, 3 990 dam³

HANGINGSTONE RIVER AT FORT MCMURRAY - STATION NO. 07CD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2400	0.1900	0.1800	0.6100	15.0 E	3.00E	2.75 E	0.710E	0.580E	1.68E	1.50 E	0.3900	1
2	0.2300	0.1900	0.1800	0.7040	26.2 A	3.05E	2.95 E	0.620E	0.600E	1.65E	1.35 E	0.3500	2
3	0.2200	0.1840	0.1800	0.8300	33.1 A	3.40E	3.40 E	0.550E	0.640E	2.05E	1.24 E	0.3400	3
4	0.2100	0.1920	0.1800	1.05 B	35.0 E	3.80E	3.35 E	0.490E	0.700E	2.15E	1.10 B	0.3300	4
5	0.2000	0.1900	0.1800	1.23 B	37.5 E	4.15E	3.10 E	0.450E	0.780E	2.27E	1.10 B	0.3200	5
6	0.2000	0.1820	0.1800	1.50 B	35.0 E	4.70E	1.95 E	0.410E	0.785E	2.23E	1.02 B	0.3100	6
7	0.2050	0.1800	0.1800	1.65 B	31.0 E	4.80E	1.85 E	0.388E	0.775E	2.15E	0.9800	0.3000	7
8	0.2700	0.1840	0.1800	3.50 B	25.5 E	4.50E	1.70 E	0.355E	0.750E	2.10E	0.9000	0.2850	8
9	0.2600	0.1830	0.1800	3.40 B	23.0 E	4.30E	1.55 E	0.330E	0.710E	2.25E	0.8500	0.2670	9
10	0.2620	0.1800	0.1840	4.70 B	20.0 E	3.95E	1.45 E	0.305E	0.670E	2.35E	0.8000	0.2800	10
11	0.2560	0.1780	0.1870	5.30 B	17.4 E	3.60E	1.30 E	0.285E	0.635E	2.45E	0.7700	0.2750	11
12	0.2490	0.1780	0.1780	5.60 B	15.4 E	3.20E	1.25 E	0.285E	0.615E	2.60E	0.7300	0.2650	12
13	0.2430	0.1770	0.1760	6.30 E	14.0 E	3.00E	1.12 E	0.250E	0.600E	2.40E	0.7000	0.2900	13
14	0.2370	0.1760	0.1780	5.15 E	12.0 E	2.85E	1.05 E	0.235E	0.700E	2.35E	0.6800	0.2850	14
15	0.2290	0.1740	0.1760	4.80 E	12.0 E	2.70E	1.30 E	0.230E	1.00 E	2.37E	0.6300	0.2900	15
16	0.2280	0.1730	0.1760	4.60 E	10.6 E	3.00E	1.10 E	0.240E	1.30 E	2.48E	0.6000	0.2430	16
17	0.2240	0.1730	0.1750	4.10 E	9.80E	3.27A	1.00 E	0.270E	1.30 E	2.80E	0.6300	0.2370	17
18	0.2220	0.1710	0.1750	3.85 E	9.30E	3.00E	0.900E	0.330E	1.45 E	2.80E	0.6000	0.2300	18
19	0.2200	0.1700	0.1800	3.30 E	8.60E	2.70E	0.800E	0.390A	1.55 E	2.67E	0.6400	0.2270	19
20	0.2180	0.1700	0.1800	3.05 E	8.00E	2.50E	0.820E	0.350E	1.70 E	2.80E	0.6200	0.2200	20
21	0.2180	0.1680	0.1800	2.80 E	7.35E	2.85E	0.900E	0.270E	1.75 E	2.55E	0.5000	0.2180	21
22	0.2140	0.1660	0.1840	2.65 E	6.90E	3.10E	0.800E	0.215E	1.70 E	2.30E	0.4800	0.2110	22
23	0.2120	0.1660	0.1900	3.10 E	6.40E	3.00E	0.820E	0.285E	1.80 E	2.00E	0.4650	0.2080	23
24	0.2100	0.1630	0.2000	4.50 E	5.95E	3.00E	0.760E	0.402E	1.80 E	2.45E	0.4500	0.2020	24
25	0.2060	0.1820	0.2020	7.30 E	5.70E	4.10E	0.930E	0.350E	1.95 E	2.20E	0.4350	0.1980	25
26	0.2060	0.1810	0.2020	10.8 E	5.45E	3.80E	1.00 E	0.310E	2.00 E	2.05E	0.4200	0.1950	26
27	0.2060	0.1810	0.2020	13.0 E	5.15E	3.70E	1.35 E	0.350E	1.95 E	1.85E	0.4050	0.1900	27
28	0.2040	0.1810	0.2020	13.4 E	4.80E	3.60E	1.15 E	0.340E	1.88 E	1.85E	0.3850	0.1750	28
29	0.2020		0.2100	13.2 E	4.60E	3.20E	1.02 E	0.440E	1.84 E	1.78E	0.3800	0.1850	29
30	0.2010		0.2060	12.6 E	4.35E	3.00E	0.900E	0.540E	1.84 E	1.72E	0.3700	0.1900	30
31	0.2000		0.2300		4.15E		0.800E	0.590E		1.68E		0.1980	31
TOTAL	7.580	4.930	5.980	165.780	481.30	105.87	41.530	11.535	38.480	68.84	21.530	7.891	TOTAL
MEAN	0.245	0.175	0.183	5.35	15.9	3.53	1.34	0.372	1.22	2.22	0.718	0.248	MEAN
MAX	0.340	0.194	0.230	13.4	37.5	4.70	2.75	0.710	2.05	2.85	1.50	0.390	MAX
MIN	0.200	0.161	0.180	0.610	4.15	2.50	0.780	0.215	0.595	1.65	0.370	0.195	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.62
MAXIMUM DAILY, 37.5E ON MAY 5
MINIMUM DAILY, 0.1560 ON DEC 31

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 42 15 N
LONG 111 31 30 W
DRAINAGE AREA, 959 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	958	JUL	3 590
FEB	426	AUG	997
MAR	591	SEP	3 150
APR	12 600	OCT	5 950
MAY	35 600	NOV	1 860
JUN	9 150	DEC	695

TOTAL DISCHARGE, 73 300 dam³

HARTLEY CREEK NEAR FORT MACKAY - STATION NO. 07DA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0	0.0	0.0 B	0.0339	7.88	2.01	1.08	0.180	0.273	1.70	1.49 B	0.0458	1
2	0.0	0.0	0.0 B	0.0438	7.73	2.78	0.808	0.137	0.283	1.69	1.43 B	0.0309	2
3	0.0	0.0	0.0 B	0.0339	7.84	2.80	0.678	0.123	0.268	1.65	1.37 B	0.0193	3
4	0.0	0.0	0.0 B	0.0339	8.37	3.05	0.753	0.098	0.323	1.61	1.30 B	0.0099	4
5	0.0	0.0	0.0 B	0.1329	13.1	3.26	0.739	0.091	0.398	1.63	1.24 B	0.0 B	5
6	0.0	0.0	0.0 B	0.1908	18.0 E	3.17	0.881	0.083	0.413	1.69	1.18 B	0.0 B	6
7	0.0	0.0	0.0 B	0.2708	17.1 E	3.41	0.926	0.080	0.416	1.71	1.12 B	0.0 B	7
8	0.0	0.0	0.0 B	0.3708	17.2 E	3.36	0.917	0.088	0.423	1.81	1.07 B	0.0 B	8
9	0.0	0.0	0.0 B	0.5408	16.4 E	3.16	0.881	0.082	0.431	1.72	1.02 B	0.0 B	9
10	0.0	0.0	0.0 B	1.00 B	15.2 E	1.89	0.803	0.088	0.419	1.74	0.9708	0.0 B	10
11	0.0	0.0	0.0 B	1.47 B	13.7	1.81	0.388	0.083	0.385	1.79	0.8408	0.0 B	11
12	0.0	0.0	0.0 B	2.03 B	12.4	1.78	0.338	0.045	0.613	1.81	0.7308	0.0 B	12
13	0.0	0.0	0.0 B	2.80 B	11.1	1.83	0.290	0.030	0.843	1.82	0.6308	0.0 B	13
14	0.0	0.0	0.0 B	3.85 B	9.84	1.66	0.266	0.023	0.487	1.75	0.5508	0.0 B	14
15	0.0	0.0	0.0 B	5.05 B	8.35	1.34	0.231	0.035	0.483	1.78	0.4908	0.0 B	15
16	0.0	0.0	0.0 B	3.05 B	7.49	1.30	0.233	0.022	0.845	1.73	0.4358	0.0 B	16
17	0.0	0.0	0.0 B	2.05 B	8.89	1.39	0.225	0.015	1.02	1.76	0.3908	0.0 B	17
18	0.0	0.0	0.0 B	1.78 B	8.31	1.24	0.220	0.004	1.05	1.83	0.3508	0.0 B	18
19	0.0	0.0	0.0 B	1.85 B	8.83	1.17	0.231	0	1.01	1.83	0.3138	0.0 B	19
20	0.0	0.0	0.0 B	2.42 B	8.82	1.05	0.234	0	1.08	1.83	0.2818	0.0 B	20
21	0.0	0.0	0.0 B	2.40 B	8.29	1.01	0.207	0.010	1.38	1.81	0.2538	0.0 B	21
22	0.0	0.0	0.0 B	2.68 B	4.88	1.03	0.211	0.044	1.81	1.80	0.2288	0.0 B	22
23	0.0	0.0	0.0 B	3.60 B	4.84	1.02	0.217	0.088	1.88	1.86	0.2178	0.0 B	23
24	0.0	0.0	0.0 B	4.60	4.37	1.03	0.232	0.084	1.88	1.888	0.2008	0.0 B	24
25	0.0	0.0	0.0 B	5.65	4.12	1.19	0.208	0.073	1.88	1.838	0.1708	0.0 B	25
26	0.0	0.0	0.0018	5.85	3.80	1.38	0.213	0.080	1.81	1.788	0.1408	0.0 B	26
27	0.0	0.0	0.0028	6.79	3.88	1.40	0.223	0.088	1.87	1.738	0.1308	0.0 B	27
28	0.0	0.0	0.0048	7.18	3.68	1.37	0.288	0.123	1.87	1.838	0.0908	0.0 B	28
29	0.0		0.0088	7.34	3.38	1.38	0.208	0.138	1.88	1.888	0.0708	0.0 B	29
30	0.0		0.0158	7.74	3.11	1.18	0.251	0.138	1.78	1.888	0.0308	0.0 B	30
31	0.0		0.0258		3.00		0.208	0.208		1.888		0.0 B	31
TOTAL	0	0	0.083	82.280	257.77	50.03	13.381	2.178	28.710	53.66	18.777	0.095	TOTAL
MEAN	0	0	0.003	2.74	8.32	1.67	0.488	0.070	0.880	1.73	0.828	0.003	MEAN
MAX	0	0	0.022	7.74	17.2	3.01	1.08	0.208	1.78	1.88	1.49	0.045	MAX
MIN	0	0	0	0.033	3.00	1.01	0.208	0	0.273	1.63	0.888	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 17.2E ON MAY 8
MINIMUM DAILY, 0E ON JAN 1
MAXIMUM INSTANTANEOUS,
18.7 AT 15:17 MST ON MAY 8

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 15 30 N
LONG 111 37 53 W
DRAINAGE AREA, 398 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	1 070
FEB	0	AUG	193
MAR	4.68	SEP	2 210
APR	7 110	OCT	4 840
MAY	23 200	NOV	1 820
JUN	4 230	DEC	6.21

TOTAL DISCHARGE, 43 800 dam³

HASTINGS LAKE NEAR DEVILLE - STATION NO. 05ED011

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	736.115	---	736.343	736.310	736.282	736.185	736.108	736.102	---	---	1
2	---	---	---	---	736.343	736.300	736.280	736.181	736.104	736.100	---	---	2
3	---	---	---	---	736.343	736.300	736.276	736.180	736.104	736.104	---	---	3
4	---	---	---	---	736.343	736.294	736.272	736.175	736.096	736.103	---	---	4
5	---	---	---	---	736.341	736.288	736.268	736.167	736.098	736.100	736.093	---	5
6	---	---	---	---	736.341	736.280	736.264	736.151	736.094	736.098	---	---	6
7	---	---	---	---	736.341	736.284	736.258	736.148	736.098	736.094	---	---	7
8	---	---	---	---	736.341	736.280	736.254	736.156	736.094	736.094	---	---	8
9	---	---	---	---	736.341	736.288	736.250	736.195	736.092	736.092	---	---	9
10	---	---	---	---	736.341	736.284	736.168	736.161	736.092	736.092	---	---	10
11	---	---	---	736.251	736.341	736.280	736.262	736.163	736.088	736.092	---	---	11
12	---	---	---	---	736.341	736.274	736.248	736.165	736.088	736.094	---	---	12
13	---	---	---	---	736.341	736.276	736.242	736.163	736.104	736.092	---	---	13
14	---	---	---	---	736.335	736.280	736.237	736.163	736.104	736.096	---	---	14
15	---	---	---	---	736.337	736.282	736.235	736.166	736.104	736.104	---	---	15
16	---	---	---	---	736.335	736.27?	736.239	736.163	736.104	736.105	---	---	16
17	---	---	---	---	736.331	736.26	736.229	736.169	736.102	736.105	---	---	17
18	---	---	---	---	736.329	736.284	736.229	736.167	736.100	736.105	---	---	18
19	---	---	---	---	736.327	736.286	736.221	736.161	736.098	736.105	---	---	19
20	---	---	---	---	736.326	736.280	736.217	736.162	736.094	736.103	---	---	20
21	---	---	---	---	736.321	736.284	736.213	736.139	736.094	736.103	---	---	21
22	---	---	---	---	736.318	736.286	736.209	736.135	736.102	736.103	---	---	22
23	---	---	---	---	736.316	736.286	736.208	736.132	736.100	736.101	---	---	23
24	---	---	---	---	736.313	736.304	736.205	736.131	736.104	736.098	---	---	24
25	---	---	---	---	736.313	736.306	736.199	736.129	736.102	736.097	---	---	25
26	---	---	---	---	736.313	736.302	736.191	736.125	736.104	736.093	---	---	26
27	---	---	---	---	736.312	736.296	736.183	736.121	736.108	736.093	---	---	27
28	---	---	---	---	736.308	736.292	736.179	736.119	736.106	736.097	---	---	28
29	---		---	---	736.314	736.285	736.177	736.111	736.104	736.095	---	---	29
30	---		---	---	736.314	736.284	736.173	736.107	736.102	736.095	---	---	30
31	---		---		736.314		736.169	736.107		736.095		---	31
MEAN	---	---	---	---	736.330	736.293	736.224	736.141	736.100	736.098	---	---	MEAN
MAX	---	---	---	---	736.343	736.310	736.282	736.185	736.108	736.105	---	---	MAX
MIN	---	---	---	---	736.306	736.284	736.169	736.107	736.088	736.092	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 25 30 N
LONG 112 54 02 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 270 km²

MAY RIVER NEAR MEANDER RIVER - STATION NO. 07CD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.008	1.459	2070	207	133	85.0	108	123	---	---	1
2	---	---	2.008	1.459	2030	204	130	83.7	109	122	---	---	2
3	---	---	2.008	1.388	2809	200	132	82.6	110	124	---	---	3
4	---	---	2.008	1.368	370	197	132	81.9	110	123	---	---	4
5	---	---	2.008	1.908	495	195	129	84.1	110	123	---	---	5
6	---	---	2.008	1.908	416	193	135	84.6	112	121	---	---	6
7	---	---	1.908	1.908	431	191	134	84.9	112	120 A	---	---	7
8	---	---	1.908	1.908	447	188	131	83.2	110	118 A	---	---	8
9	---	---	1.908	1.388	478	183	119	81.7	108	115 A	---	---	9
10	---	---	1.908	1.388	486	180	118	78.4	108	114	---	---	10
11	---	---	1.908	1.408	482	178	113	77.3	104	113	---	---	11
12	---	---	1.888	1.518	480	172	111	76.2	101	111	---	---	12
13	---	---	1.888	1.888	417	170	108	74.8	96.3	110	---	---	13
14	---	---	1.888	1.838	388	167	108	74.3	96.8	108 A	---	---	14
15	---	---	1.888	2.578	382	168	104	77.8	98.2	108 E	---	---	15
16	---	---	1.888	3.878	336	163	102	80.0	98.1	108 E	---	---	16
17	---	---	1.888	4.878	315	163	100	80.1	99.1	110 E	---	---	17
18	---	---	1.888	7.788	297	162	98.9	79.5	101	108 E	---	---	18
19	---	---	1.888	11.7 E	280	158	97.5	80.4	103	108 E	---	---	19
20	---	---	1.888	14.0 E	267	154	96.2	81.4	104	107 E	---	---	20
21	---	---	1.888	28.0 E	258	152	94.9	81.2	105	104 E	---	---	21
22	---	---	1.858	41.0 E	247	148	94.7	80.9	104	103 E	---	---	22
23	---	---	1.858	60.2 E	241	145	93.0	80.2	100	100 E	---	---	23
24	---	---	1.858	104 E	234	143	91.6A	79.8	113	98.0E	---	---	24
25	---	---	1.858	105 E	227	141	91.4A	84.9	121	93.0E	---	---	25
26	---	---	1.358	105 E	224	139	91.2E	84.2	126	80.0E	---	---	26
27	---	2.035	1.358	137 E	220	137	91.0E	83.8	127	71.0E	---	---	27
28	---	2.008	1.348	186 E	210	136	90.8E	105	128	70.0E	---	---	28
29	---		1.458	282 E	214	137	91.6A	105	125	64.0E	---	---	29
30	---		1.458	264 E	211	135	89.0	105	124	70.0E	---	---	30
31	---		1.458		210		87.2	107		74.0E		---	31
TOTAL	---	---	53.54	1 380.02	9 057	5 004	3 306.0	2 638.8	3 277.3	3 221.0	---	---	TOTAL
MEAN	---	---	1.93	46.4	321	167	107	85.1	109	104	---	---	MEAN
MAX	---	---	2.00	282	486	207	133	107	126	124	---	---	MAX
MIN	---	---	1.34	1.38	210	135	87.2	74.3	95.3	80.0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 113
MAXIMUM DAILY, 495 ON MAY 10
MINIMUM DAILY, 1.348 ON MAR 26
MAXIMUM INSTANTANEOUS,
489 AT 12:00 MST ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 06 54 N
LONG 117 26 03 W
DRAINAGE AREA, 38 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	285 000
FEB	---	AUG	235 000
MAR	4 840	SEP	283 000
APR	118 000	OCT	278 000
MAY	809 000	NOV	---
JUN	432 000	DEC	---

TOTAL DISCHARGE, 2 490 000 dam³

HAYNES CREEK NEAR HAYNES - STATION NO. 05CD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.7328	0.033	0.030	0	0	0	0	0.001	---	1
2	---	---	0 B	1.58 A	0.041	0.032	0	0	0	0	0.001	---	2
3	---	---	0 B	2.89	0.051	0.033	0	0	0	0	0.001	---	3
4	---	---	0 B	2.82	0.058	0.033	0	0	0	0	0.001	---	4
5	---	---	0 B	2.37	0.054	0.036	0	0	0	0	0.001	---	5
6	---	---	0 B	1.86	0.070	0.044	0	0	0	0	0.001A	---	6
7	---	---	0 B	0.921	0.072	0.040	0	0	0	0	---	---	7
8	---	---	0 B	0.552	0.075	0.039	0	0	0	0	---	---	8
9	---	---	0 B	0.417	0.118	0.037	0	0	0	0	---	---	9
10	---	---	0 B	0.232	0.199	0.034	0	0	0	0	---	---	10
11	---	---	0 B	0.087	0.070	0.030	0	0	0	0	---	---	11
12	---	---	0 B	0.031	0.038	0.028	0	0	0	0	---	---	12
13	---	---	0 B	0.007	0.024	0.025	0	0	0	0	---	---	13
14	---	---	0 B	0.005	0.009	0.024	0	0	0	0	---	---	14
15	---	---	0 B	0.026	0.021	0.021	0	0	0	0	---	---	15
16	---	---	0 B	0.015	0.068	0.015	0	0	0	0	---	---	16
17	---	---	0.0018	0.017	0.043	0.010	0	0	0	0	---	---	17
18	---	---	0.0500	0.015	0.041	0.003	0	0	0	0	---	---	18
19	---	---	0.1190	0.024	0.043	0	0	0	0	0	---	---	19
20	---	---	0.1808	0.037	0.044	0	0	0	0	0	---	---	20
21	---	---	0.3738	0.038	0.131	0	0	0	0	0	---	---	21
22	---	---	1.95 B	0.062	0.039	0	0	0	0	0.001	---	---	22
23	---	---	2.02 B	0.013	0.012	0.015	0	0	0	0.001	---	---	23
24	---	---	1.78 B	0.007	0.012	0.005	0	0	0	0.001	---	---	24
25	---	---	1.58 B	0.001	0.007	0.003	0	0	0	0.001	---	---	25
26	---	---	0.8178	0.007	0.013	0	0	0	0	0.001	---	---	26
27	---	---	0.6328	0.010	0.018	0	0	0	0	0.001	---	---	27
28	---	---	0.4458	0.013	0.020	0	0	0	0	0.001	---	---	28
29	---		0.3588	0.020	0.022	0	0	0	0	0.001	---	---	29
30	---		0.3068	0.027	0.026	0	0	0	0	0.001	---	---	30
31	---		0.4388		0.028		0	0		0.001		---	31
TOTAL	---	---	11.080	14.850	1.510	0.933	0	0	0	0.010	---	---	TOTAL
MEAN	---	---	0.358	0.495	0.049	0.018	0	0	0	0	---	---	MEAN
MAX	---	---	2.02	2.89	0.198	0.044	0	0	0	0.001	---	---	MAX
MIN	---	---	0	0.001	0.007	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.113
MAXIMUM DAILY, 2.89 ON APR 3
MINIMUM DAILY, 0B OR MAR 1
MAXIMUM INSTANTANEOUS,
2.89 AT 13:00 MST ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 10 55 N
LONG 113 21 40 W
DRAINAGE AREA, 195 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	958	SEP	0
APR 1	260	OCT	0.86
MAY	130	NOV	---
JUN	80.1	DEC	---

TOTAL DISCHARGE, 2 350 dam³

HEART RIVER NEAR NAMPA - STATION NO. 07HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3988	0.1988	0.1488	4.088	20.5	3.09	1.42	0.078	0.013	3.228	2.95 B	0.2958	1
2	0.3618	0.1848	0.1438	10.0 B	18.8	2.95	0.860	0.078	0.014	2.958	2.84 B	0.2728	2
3	0.3538	0.1908	0.1488	13.4 B	20.2	2.67	0.669	0.101	0.014	2.84A	2.72 B	0.2818	3
4	0.3568	0.1868	0.1488	12.4 B	20.8	2.38	0.460	0.123	0.013	2.80	2.10 B	0.2988	4
5	0.2818	0.1838	0.1488	11.6 B	21.6	2.33	0.332	0.104	0.014	2.62	1.89 B	0.2748	5
6	0.3488	0.1798	0.1468	13.7 B	22.7	1.95	0.147	0.078	0.014	2.74	1.52 B	0.2678	6
7	0.3448	0.1768	0.1478	19.6 B	22.2	1.48	0.080	0.078	0.014	2.71	1.40 B	0.2738	7
8	0.3388	0.1748	0.1488	22.1 B	20.7	1.27	0.085	0.078	0.015	2.85	1.41 B	0.2808	8
9	0.3368	0.1728	0.1458	23.0 B	19.0	1.16	0.033	0.080	0.024	2.88	1.42 B	0.2788	9
10	0.3338	0.1708	0.1438	25.1 B	17.5	1.20	0.014	0.088	0.034	2.71	1.25 B	0.2708	10
11	0.3308	0.1688	0.1408	21.6 B	15.9	1.15	0.013	0.068	0.038	2.68	1.31 B	0.2838	11
12	0.3278	0.1668	0.1388	16.6 B	14.3	1.06	0.012	0.031	0.037	2.87	1.10 B	0.2818	12
13	0.3238	0.1648	0.1368	17.6	13.8	0.978	0.011	0.014	0.080	4.48	0.8448	0.2708	13
14	0.3208	0.1628	0.1348	20.6	11.6	1.08	0.011	0.014	0.139	4.58	0.6388	0.2628	14
15	0.3218	0.1608	0.1328	19.8	10.7	0.861	0.011	0.033	0.173	4.43	0.6368	0.2638	15
16	0.3208	0.1588	0.1308	18.4	9.51	0.788	0.011	0.088	0.504A	4.32	0.7198	0.2628	16
17	0.3188	0.1588	0.2068	18.7	8.94	0.822	0.011	0.227	4.87 E	4.44	0.7288	0.2728	17
18	0.3168	0.1548	0.2808	18.4	8.16	1.41	0.014	0.238	5.09 E	4.57	0.7238	0.2678	18
19	0.3178	0.1518	0.6068	17.1	7.29	1.48	0.023	0.181	4.78 E	4.78	0.7028	0.2898	19
20	0.3178	0.1498	0.6008	16.7	8.15	1.28	0.048	0.083	4.34 E	4.68	0.8308	0.3218	20
21	0.3178	0.1488	0.2488	17.5	9.51	1.20	0.083	0.063	3.84 E	4.68	0.8888	0.3278	21
22	0.3178	0.1488	0.2088	13.9	9.08	1.10	0.047	0.014	3.26 E	4.61	0.8028	0.3348	22
23	0.3178	0.1468	0.4548	13.6	8.79	1.08	0.040	0.014	4.13 E	4.63	0.8118	0.3618	23
24	0.3188	0.1438	3.17 B	13.7	8.58	1.18	0.031	0.022	3.45 E	4.32	0.8178	0.3308	24
25	0.3168	0.1498	3.68 B	13.8 A	8.86	1.88	0.101	0.014	3.08 E	4.20	0.4488	0.3088	25
26	0.3148	0.1388	3.42 B	15.0	9.21	1.78	0.108	0.014	2.89 A	4.078	0.4388	0.2988	26
27	0.3128	0.1398	2.34 B	19.2	9.13	1.80	0.126	0.023	2.98 E	3.848	0.3698	0.3048	27
28	0.3108	0.1388	1.87 B	23.6	9.19	1.43	0.186	0.021	3.24 E	3.838	0.3478	0.3898	28
29	0.3078		1.19 B	24.0	9.32	1.42	0.204	0.014	3.43 E	3.838	0.3348	0.3838	29
30	0.3048		0.6788	22.0	9.48	1.32	0.167	0.030	3.33 E	3.888	0.3238	0.3448	30
31	0.3008		0.7888		9.37		0.119	0.014		3.888		0.3118	31
TOTAL	7.038	4.848	21.118	518.38	353.85	44.884	5.808	1.989	53.080	111.91	32.898	9.348	TOTAL
MEAN	0.227	0.183	0.881	17.3	11.4	1.48	0.181	0.064	1.77	3.81	1.08	0.298	MEAN
MAX	0.288	0.183	3.42	25.1	22.7	2.08	1.42	0.238	5.09	4.78	2.95	0.388	MAX
MIN	0.200	0.138	0.138	4.08	3.13	0.788	0.011	0.014	0.013	2.62	0.333	0.280	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.18
MAXIMUM DAILY, 25.18 ON APR 10
MINIMUM DAILY, 0.011 ON JUL 13
MAXIMUM INSTANTANEOUS,
30.0B AT 10:30 MST ON APR 9

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 03 23 N
LONG 117 07 53 W
DRAINAGE AREA, 1 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	995	JUL	484
FEB	393	AUG	173
MAR 1	830	SEP 4	580
APR 44	800	OCT 9	870
MAY 20	800	NOV 3	810
JUN 3	870	DEC	788

TOTAL DISCHARGE, 101 000 dam³

HIGHWOOD DIVERSION CANAL NEAR HEADGATES - STATION NO. 05BL025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.004B	0.008	1.17	1.47	0.789	0.845	0.770	0	---	1
2	---	---	---	0.004B	0.008	1.17	1.46	0.788	0.844	0.775	0.002	---	2
3	---	---	---	0.004B	0.010	1.16	1.43	0.797	0.846	0.750	0.003	---	3
4	---	---	---	0.004B	0.012	1.14	1.88	0.822	0.850	0.784	0.004	---	4
5	---	---	---	0.003B	0.012	1.15	1.56	0.773	0.853	0.804	0.004	---	5
6	---	---	---	0.003	0.013	1.19	1.54	0.788	0.837	0.762	0.004	---	6
7	---	---	---	0.003	0.408	1.16	1.48	0.782	0.830	0.738	0.004	---	7
8	---	---	---	0.003	1.13	1.21	1.44	0.751	0.831	0.720	0.004	---	8
9	---	---	---	0.003	1.15	1.20	1.39	0.825	0.828	0.848	0.004	---	9
10	---	---	---	0.004	1.16	1.19	1.36	0.838	0.831	0.735	0.004	---	10
11	---	---	---	0.004	1.16	1.18	1.37	0.886	0.862	0.735	0.0038	---	11
12	---	---	---	0.004	1.16	1.17	1.36	0.892	0.884	0.881	0.0038	---	12
13	---	---	---	0.004E	1.13	1.18	1.44	0.878	0.832	0.860	0.0038	---	13
14	---	---	---	0.004E	1.13	1.18	1.27	0.883	0.730	0.882	0.0028	---	14
15	---	---	---	0.004E	1.13	1.19	1.11	1.13	0.723	0.848	0.0029	---	15
16	---	---	---	0.003E	1.13	1.19	0.918	1.14	0.709	0.850	0.0028	---	16
17	---	---	---	0.003A	1.15	1.18	0.956	1.08	0.718	0.851	0.0018	---	17
18	---	---	---	0.003	1.17	1.16	1.02	1.09	0.722	0.841	0.0018	---	18
19	---	---	---	0.004	1.13	1.23	1.30	1.11	0.715	0.827	0.0018	---	19
20	---	---	---	0.004	1.10	1.32	1.13	1.11	0.719	0.885	0	---	20
21	---	---	---	0.004	1.07	1.33	1.05	0.812	0.721	0.882	0	---	21
22	---	---	---	0.004	1.07	1.33	1.02	0.841	0.717	0.887	0	---	22
23	---	---	---	0.005	1.07	1.34	1.04	0.777	0.712	0.888	0	---	23
24	---	---	---	0.005	1.06	1.32	1.05	0.774	0.710	0.888	0	---	24
25	---	---	---	0.006	1.11	1.30	1.01	0.771	0.703	0.888	0	---	25
26	---	---	---	0.006	1.18	1.34	0.946	0.801	0.718	0.888	0	---	26
27	---	---	---	0.006	1.28	1.50	0.880	0.806	0.745	0.888	0	---	27
28	---	---	0.005B	0.006	0.894	1.48	0.852	0.806	0.748	0.884	0	---	28
29	---	---	0.005B	0.007	0.939	1.50	0.844	0.804	0.764	0	0	---	29
30	---	---	0.004B	0.007	1.10	1.49	0.831	0.832	0.738	0	0	---	30
31	---	---	0.004B		1.17		0.806	0.844		0		---	31
TOTAL	---	---	---	0.128	27.335	37.68	37.380	27.123	23.246	14.570	0.053	---	TOTAL
MEAN	---	---	---	0.004	0.882	1.26	1.21	0.875	0.775	0.470	0.002	---	MEAN
MAX	---	---	---	0.007	1.28	1.50	1.58	1.14	0.884	0.804	0.005	---	MAX
MIN	---	---	---	0.003	0.004	1.14	0.806	0.751	0.702	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.783
MAXIMUM DAILY, 1.58 ON JUL 4
MINIMUM DAILY, 0 ON OCT 29

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 33 06 N
LONG 113 59 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 230
FEB	---	AUG	2 340
MAR	---	SEP	2 010
APR	11 1	OCT	1 290
MAY	3 280	NOV	4.58
JUN	3 280	DEC	---

TOTAL DISCHARGE, 14 600 dam³

HIGHWOOD RIVER AT DIEBEL'S RANCH - STATION NO. 05BL019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.20 B	1.43	4.08	26.3	10.6	3.01	5.04	8.82	7.83	---	1
2	---	---	1.15 B	1.85	5.17	27.4	10.1	3.67	5.06	9.39	7.80	---	2
3	---	---	1.15 B	1.84	7.87	28.1	8.75	4.20	4.90	9.21	7.83	---	3
4	---	---	1.10 B	1.86	10.0	33.6	9.48	3.90	4.06	8.70	7.86	---	4
5	---	---	1.05 B	1.97	8.35	32.7	9.18	3.83	5.29	8.83	8.00A	---	5
6	---	---	0.970B	1.86	7.45	32.3	6.97	3.78	6.50	8.82	---	---	6
7	---	---	0.980B	1.83	7.73	33.2	6.36	3.87	6.65	8.18	---	---	7
8	---	---	0.980B	1.88	6.87	29.6	7.87	3.80	6.63	8.06	---	---	8
9	---	---	0.980B	1.74	9.18	28.4	9.84	4.02	6.70	7.86	---	---	9
10	---	---	0.970B	1.82	8.87	33.6	9.38	4.06	6.82	8.05	---	---	10
11	---	---	0.973B	2.11	8.67	31.5	7.15	4.06	7.11	8.03	---	---	11
12	---	---	1.00 B	2.46	7.82	31.1	6.82	4.00	22.6	7.80	---	---	12
13	---	---	1.10 B	3.86	7.88	30.6	6.71	4.00	34.3	7.69	---	---	13
14	---	---	1.40	5.43	8.35	30.6	6.33	4.27	36.3	7.46	---	---	14
15	---	---	1.39	4.23	8.48	30.1	5.90	6.29	31.6	7.88	---	---	15
16	---	---	1.38	3.83	9.83	19.2	8.02	7.86	18.6	8.48	---	---	16
17	---	---	1.38	4.10	12.8	19.7	7.48	7.62	17.2	8.86	---	---	17
18	---	---	1.38	4.01	16.8	17.0	8.01	7.84	16.9	8.33	---	---	18
19	---	---	1.38	3.87	22.0	17.3	8.13	7.93	16.7	8.17	---	---	19
20	---	---	1.42	3.48	24.6	18.5	8.78	7.87	13.6	8.58	---	---	20
21	---	---	1.46	3.19	25.3	17.4	8.61	7.85	13.1	8.88	---	---	21
22	---	---	1.46	3.02	26.8	18.7	8.30	8.25	13.7	8.85	---	---	22
23	---	---	1.46	2.83	27.1	16.6	8.23	7.85	13.1	8.87	---	---	23
24	---	---	1.46	2.77	28.0	13.7	8.16	7.46	11.6	8.18	---	---	24
25	---	---	1.42 B	2.78	24.8	12.9	4.00	7.02	11.2	8.37	---	---	25
26	---	---	1.43 B	2.86	22.2	11.6	4.06	8.00	11.1	7.83	---	---	26
27	---	---	1.43	2.88	26.8	11.1	4.49	8.24	11.1	8.09	---	---	27
28	---	---	1.43	2.86	26.0	11.1	4.37	8.89	10.2	8.81	---	---	28
29	---		1.41 B	3.58	25.4	11.4	4.32	8.86	10.1	8.11	---	---	29
30	---		1.36	3.71	26.2	11.4	4.32	8.33	9.83	8.11	---	---	30
31	---		1.36		26.2		4.07	8.31		7.80		---	31
TOTAL	---	---	38.023	83.87	511.80	577.6	208.88	174.88	280.30	257.88	---	---	TOTAL
MEAN	---	---	1.26	2.70	16.5	19.3	6.86	5.83	12.0	8.31	---	---	MEAN
MAX	---	---	1.46	5.43	26.8	26.6	10.6	8.35	36.3	9.83	---	---	MAX
MIN	---	---	0.960	1.48	4.08	11.1	4.07	3.67	4.90	7.88	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.02
MAXIMUM DAILY, 34.8 ON MAY 25
MINIMUM DAILY, 0.0800 ON MAR 7
MAXIMUM INSTANTANEOUS,
40.8 AT 23:44 MST ON SEP 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 24 20 N
LONG 114 29 50 W
DRAINAGE AREA, 774 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17 000
FEB	---	AUG	13 100
MAR	3 370	SEP	31 100
APR	7 330	OCT	22 200
MAY	44 300	NOV	---
JUN	49 000	DEC	---

TOTAL DISCHARGE, 191 000 dam³

HIGHWOOD RIVER AT HIGH RIVER - STATION NO. 05BL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.500	1.200	1.05 B	5.80	8.74	38.6	9.18	3.19	4.09	13.4	10.3	3.790	1
2	1.510	1.140	1.00 B	5.97	7.11	35.6	8.66	3.10	4.03	11.8	10.2	3.850	2
3	1.480	1.140	1.20 B	5.44	8.79	32.6	7.83	3.13	4.09	10.8	9.73	4.070	3
4	1.450	1.170	1.37 B	5.82	11.6	29.9	7.27	3.12	4.56	10.1	9.59	4.480	4
5	1.450	1.210	1.12 B	6.00	11.7	28.5	7.03	3.02	4.55	9.36	9.270	4.400	5
6	1.470	1.220	1.10 B	6.17	10.2	27.0	6.83	2.88	5.11	9.33	8.450	4.030	6
7	1.480	1.170	1.33 B	6.17	9.28	24.2	6.59	2.90	6.13	8.91	7.350	4.730	7
8	1.480	1.140	1.09 B	6.04	8.85	21.0	6.22	2.97	5.64	8.13	6.000	4.570	8
9	1.480	1.110	0.8868	5.50	8.83	20.3	5.58	3.04	5.33	8.03	4.300	4.470	9
10	1.480	1.080	0.8370	5.19	10.2	20.6	5.20	3.13	5.35	7.87	3.850	3.580	10
11	1.510	1.060	1.12 B	6.36	10.2	23.5	5.05	3.19	5.37	8.01	3.250	3.630	11
12	1.540	1.110	0.8868	5.85	9.76	21.8	4.98	3.21	25.1	8.33	1.660	3.840	12
13	1.560	1.250	1.21 B	6.17	9.12	21.5	5.13	3.43	71.8	8.21	1.930	3.480	13
14	1.630	1.290	1.07 B	7.03	8.85	21.4	5.13	3.63	48.5	8.13	2.110	3.500	14
15	1.630	1.410	2.39 B	6.87	9.06	20.7	5.75	4.61	37.8	8.22	2.380	4.190	15
16	1.620	1.530	2.03 B	5.75	8.87	19.9	6.79	7.67	30.3	8.52	2.250	4.480	16
17	1.660	1.530	2.61 B	5.47	11.7	18.4	6.93	7.28	25.4	8.34	2.110	4.520	17
18	1.500	1.610	2.61 B	5.55	15.6	17.1	6.46	7.61	23.3	8.21	2.010	4.520	18
19	1.440	1.470	2.69 B	5.79	20.6	16.6	6.28	7.94	20.7	8.15	1.880	4.350	19
20	1.370	1.460	2.05 B	5.76	24.5	17.3	6.67	7.62	18.2	8.18	1.960	3.830	20
21	1.380	1.320	2.81 B	5.32	26.2	18.0	6.63	7.71	16.8	8.80	2.020	3.630	21
22	1.430	1.060	4.31 B	6.03	25.8	18.2	6.33	8.73	16.3	10.1	2.100	3.710	22
23	1.480	1.150	5.86 B	6.76	27.9	18.6	6.06	8.63	16.1	10.6	2.430	3.510	23
24	1.530	1.190	6.10	6.83	29.9	19.2	6.53	7.94	15.8	10.6	2.640	3.380	24
25	1.660	1.370	6.24	6.89	35.3	19.3	6.40	7.36	15.6	10.5	2.940	3.890	25
26	1.670	1.350	6.46	6.99	38.1	18.8	6.04	6.86	14.5	10.5	3.070	3.870	26
27	1.650	1.410	7.20	6.78	33.7	18.1	5.78	6.21	14.5	10.3	3.080	3.760	27
28	1.630	1.490	6.60	6.07	28.0	8.60	5.86	5.86	13.6	10.9	3.280	3.480	28
29	1.600		6.89	6.14	26.2	8.71	5.82	5.67	13.0	11.4	3.440	3.860	29
30	1.660		7.81	6.73	23.3	8.87	5.82	5.20	12.8	10.8	3.810	3.870	30
31	1.380		7.06		24.6		5.31	4.83		10.4		3.110	31
TOTAL	48.43	35.42	100.301	171.10	567.30	523.84	188.89	161.10	505.97	306.23	137.03	118.93	TOTAL
MEAN	1.56	1.27	3.24	5.70	18.3	20.8	6.48	5.20	16.9	9.82	4.33	3.77	MEAN
MAX	1.63	1.53	7.81	7.82	38.1	38.6	9.18	8.73	71.8	13.4	10.3	4.73	MAX
MIN	1.36	1.06	0.886	4.74	8.74	8.87	5.31	2.88	4.03	7.87	1.66	3.46	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.01
MAXIMUM DAILY, 71.8 ON SEP 13
MINIMUM DAILY, 0.8868 ON MAR 12
MAXIMUM INSTANTANEOUS,
84.8 AT 03:56 MST ON SEP 13

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 00 N
LONG 113 52 30 W
DRAINAGE AREA, 1 930 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 810	JUL	16 700
FEB	3 080	AUG	13 000
MAR	8 570	SEP	43 700
APR	16 800	OCT	26 000
MAY	48 000	NOV	11 000
JUN	53 900	DEC	10 100

TOTAL DISCHARGE, 253 000 dam³

HIGHWOOD RIVER BELOW PICKLEJAR CREEK - STATION NO. 05BL021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	9.873	8.75	4.36	1.33	1.40	2.11	---	---	1
2	---	---	---	---	1.43	8.86	4.15	1.38	1.42	2.07	---	---	2
3	---	---	---	---	3.61	8.09	4.08	1.43	1.34	2.01	---	---	3
4	---	---	---	---	2.87	7.81	4.00	1.30	1.35	1.87	---	---	4
5	---	---	---	---	2.33	8.00	3.81	1.34	1.94	1.85	---	---	5
6	---	---	---	---	2.03	7.44	3.72	1.38	1.78	1.85	---	---	6
7	---	---	---	---	2.41	8.86	3.47	1.18	1.83	1.86	---	---	7
8	---	---	---	---	2.84	10.7	3.27	1.37	1.61	1.72	---	---	8
9	---	---	---	---	3.01	8.18	3.18	1.25	1.62	1.498	---	---	9
10	---	---	---	---	2.90	7.89	3.08	1.39	1.78	1.87	---	---	10
11	---	---	---	---	3.89	7.25	2.98	1.26	2.26	1.81	---	---	11
12	---	---	---	---	3.25	7.43	2.77	1.61	7.58	1.95	---	---	12
13	---	---	---	---	3.33	7.47	2.56	1.63	8.09	1.48	---	---	13
14	---	---	---	---	2.78	7.41	2.31	1.62	8.61	1.48	---	---	14
15	---	---	---	---	2.80	9.31	2.19	2.89	8.48	1.85	---	---	15
16	---	---	---	---	3.75	8.86	2.26	2.87	4.71	1.70	---	---	16
17	---	---	---	---	5.15	8.43	2.72	2.69	4.19	1.83	---	---	17
18	---	---	---	---	5.86	8.06	3.31	3.26	3.84	1.83	---	---	18
19	---	---	---	---	5.48	7.87	3.13	3.33	3.38	1.80	---	---	19
20	---	---	---	---	5.61	7.81	3.01	3.84	3.10	1.86	---	---	20
21	---	---	---	---	10.0	8.03	1.93	3.81	3.06	1.83	---	---	21
22	---	---	---	---	10.0	8.06	1.68	3.83	3.82	1.84	---	---	22
23	---	---	---	---	9.818A	8.87	1.71	1.87	3.80	1.87	---	---	23
24	---	---	---	---	9.474	10.1	5.31	1.79	3.90	1.48	---	---	24
25	---	---	---	---	9.488	13.7 A	4.80	1.65	3.61	1.43	---	---	25
26	---	---	---	---	9.787	13.3 E	4.63	1.65	3.39	1.48	---	---	26
27	---	---	---	---	9.833	9.06 A	4.90	1.61	3.01	1.84	---	---	27
28	---	---	---	---	9.780	7.84 E	4.63	1.46	1.83	1.71	---	---	28
29	---		---	---	9.833	8.02 E	4.63	1.43	1.65	1.398	---	---	29
30	---		---	---	9.839	10.4 A	4.88	1.46	1.80	1.61A	---	---	30
31	---		---			10.4		1.36	1.48	1.808		---	31
TOTAL	---	---	---	---	183.883	209.13	78.28	80.83	90.07	50.37	---	---	TOTAL
MEAN	---	---	---	---	5.93	8.97	2.88	1.97	3.00	1.83	---	---	MEAN
MAX	---	---	---	---	13.7	10.7	4.38	3.35	8.08	2.11	---	---	MAX
MIN	---	---	---	---	9.873	6.80	1.36	1.18	1.34	1.39	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.65
MAXIMUM DAILY, 13.7A ON MAY 25
MINIMUM DAILY, 0.873 ON MAY 1
MAXIMUM INSTANTANEOUS,
18.6 ON MAY 25

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 25 55 N
LONG 114 49 03 W
DRAINAGE AREA, 133 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	8 880
FEB	---	AUG	8 880
MAR	---	SEP	7 730
APR	---	OCT	4 380
MAY	15 000	NOV	---
JUN	15 100	DEC	---

TOTAL DISCHARGE, 53 900 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DETERMINED FROM HIGHWATER MARK

HIGHWOOD RIVER NEAR ALDERSYDE - STATION NO. 05BL009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.8100	8.788	8.84	34.4	7.88	1.88	4.37	93.1	---	---	1
2	---	---	0.7758	11.0 B	8.02	34.3	7.02	1.67	4.20	11.8	---	---	2
3	---	---	0.7288	15.0 B	7.12	31.8	6.38	1.88	4.20	11.4	---	---	3
4	---	---	0.6858	17.0 B	10.0	28.8	6.02	2.13	4.33	10.8	---	---	4
5	---	---	0.6558	17.8 B	11.2	26.7	4.98	2.06	4.33	10.1	---	---	5
6	---	---	0.6758	15.8	9.87	25.5	4.88	1.91	5.91	10.2	---	---	6
7	---	---	0.7108	13.4	8.35	23.7	4.83	2.11	7.05	10.7	---	---	7
8	---	---	0.7008	11.1	7.17	27.1	4.30	2.08	5.01	9.53	---	---	8
9	---	---	0.6508	9.44	7.71	29.6	3.89	2.20	3.73	9.24	---	---	9
10	---	---	0.6008	9.18	8.00	25.3	3.48	2.48	3.75	9.05	---	---	10
11	---	---	0.6058	9.11	8.18	23.2	3.24	2.38	3.08	9.26	---	---	11
12	---	---	0.6308	9.27	7.48	20.0	3.08	2.48	10.9	9.81	---	---	12
13	---	---	1.18 B	9.80	7.08	19.6	3.08	2.35	87.7	9.58	---	---	13
14	---	---	2.85 B	7.34	8.88	19.4	2.89	3.48	50.8	9.21	---	---	14
15	---	---	4.38 B	8.87	7.08	18.8	3.04	2.85	38.9	9.18	---	---	15
16	---	---	5.09 B	8.84	7.38	17.7	3.23	5.81	38.3	9.47	---	---	16
17	---	---	4.30 B	8.08	8.88	16.5	2.78	5.78	33.5	10.4	---	---	17
18	---	---	3.88 B	8.80	11.7	14.9	3.80	5.31	31.9	10.8	---	---	18
19	---	---	2.85 B	8.08	16.8	14.0	3.30	5.44	30.1	10.2	---	---	19
20	---	0.9388	2.51 B	8.43	21.9	14.6	3.84	5.48	18.8	9.83	---	---	20
21	---	0.8788	2.31 B	9.88	23.8	15.8	3.82	5.44	17.0	10.1	---	---	21
22	---	0.8288	2.33 B	8.87	25.0	14.5	3.28	7.37	18.4	10.8	---	---	22
23	---	0.7888	2.18 B	8.28	25.8	12.7	3.37	7.78	18.0	11.3	---	---	23
24	---	0.7758	2.21 B	8.28	27.8	11.4	3.43	7.24	15.5	11.1	---	---	24
25	---	0.7888	2.28 B	8.33	32.8	10.8	3.36	6.87	16.2	10.9	---	---	25
26	---	0.8508	2.40 B	8.88	38.1	9.37	3.15	6.36	16.8	11.1	---	---	26
27	---	0.9388	2.70 B	8.06	32.8	8.60	2.83	5.75	16.8	10.2	---	---	27
28	---	0.9258	3.37 B	3.80	27.8	7.84	1.87	5.44	16.1	10.8	---	---	28
29	---		4.00 B	8.84	27.0	7.88	1.85	5.20	12.8	11.5	---	---	29
30	---		5.00 B	8.87	28.4	7.83	2.04	4.78	12.5	10.8	---	---	30
31	---		5.85 B		32.8		1.95	4.60		10.1 A			31
TOTAL	---	---	70.228	236.91	608.83	670.02	105.88	133.38	484.89	320.90	---	---	TOTAL
MEAN	---	---	2.27	7.90	19.6	19.0	3.41	4.37	16.2	10.4	---	---	MEAN
MAX	---	---	5.85	17.8	38.1	34.4	7.88	7.78	87.7	93.1	---	---	MAX
MIN	---	---	0.800	3.80	8.84	7.83	1.87	1.88	4.20	9.05	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.82
MAXIMUM DAILY, 87.7 ON SEP 13
MINIMUM DAILY, 0.6008 ON MAR 10
MAXIMUM INSTANTANEOUS,
83.7 AT 05:57 MST ON SEP 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 58 N
LONG 113 51 33 W
DRAINAGE AREA, 3 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	9 180
FEB	---	AUG	11 400
MAR	6 970	SEP	61 900
APR	20 800	OCT	27 700
MAY	63 900	NOV	---
JUN	49 200	DEC	---

TOTAL DISCHARGE, 310 000 dam³

HIGHWOOD RIVER NEAR THE MOUTH - STATION NO. 05BL034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.518	1.248	1.07 B	10.6 B	12.7	48.8	12.5	3.57	9.20	20.0	15.2	6.548	1
2	1.518	1.218	1.02 B	10.3 B	14.2	50.1	11.4	3.80	8.85	19.3	15.6	6.208	2
3	1.518	1.208	0.9868	13.6 B	17.6	48.1	10.8	3.66	8.82	18.6	15.7	5.388	3
4	1.528	1.208	0.9708	15.4 B	21.4	43.4	9.73	4.07	8.73	17.9	15.0 B	5.928	4
5	1.508	1.218	0.9308	17.3 B	22.1	40.6	9.06	4.14	8.58	18.4	15.0 B	6.888	5
6	1.488	1.228	0.9208	16.0 B	19.3	39.3	8.91	3.78	11.1	17.6	13.8 B	6.478	6
7	1.468	1.268	0.9108	15.4 E	17.2	36.8	8.88	3.84	13.8	17.9	11.4 B	6.208	7
8	1.428	1.328	0.8958	16.0 E	16.8	35.8	7.61	4.09	11.8	18.4	11.8 B	6.088	8
9	1.408	1.338	0.8908	16.3 E	16.2	42.8	7.06	4.36	11.1	18.8	13.7 B	6.788	9
10	1.388	1.318	0.8958	16.0 E	16.4	37.3	6.87	5.03	11.8	18.8	10.4 B	6.328	10
11	1.388	1.248	0.9068	13.4 A	16.6	33.8	6.35	4.88	13.8	18.7	7.238	4.858	11
12	1.418	1.238	0.9108	13.1 A	16.8	29.4	5.30	5.12	33.3	18.1	7.828	4.888	12
13	1.498	1.288	0.9288	12.2	14.8	28.6	6.88	8.12	148	18.3	7.188	4.638	13
14	1.588	1.288	0.9778	15.4	13.8	28.3	8.61	8.32	118	18.1	7.868	4.888	14
15	1.618	1.338	2.70 B	16.2	14.0	27.8	8.38	8.38	78.3	18.1	8.768	4.818	15
16	1.638	1.388	4.15 B	12.8	14.1	26.1	6.78	17.8	58.1	18.8	8.858	4.878	16
17	1.632	1.448	5.78 B	11.4	15.4	24.4	6.83	20.4	47.1	18.8	8.888	5.188	17
18	1.538	1.488	7.31 B	11.2	18.4	22.8	7.33	20.8	42.3	17.2	7.818	5.488	18
19	1.528	1.448	8.48 B	11.7	28.1	20.7	8.78	20.8	37.8	16.4	8.188	5.888	19
20	1.378	1.328	9.88 B	11.8	34.1	22.3	8.42	18.1	33.7	15.8	4.868	6.388	20
21	1.428	1.128	9.45 B	8.48	37.8	26.3	8.12	17.8	28.7	15.8	4.788	6.818	21
22	1.588	1.048	4.88 B	8.88	38.2	22.3	4.81	18.3	28.1	17.2	4.528	6.158	22
23	1.618	1.118	4.88 B	7.83	38.8	18.7	8.18	18.4	27.8	17.8	4.488	6.188	23
24	1.888	1.228	4.88 B	7.38	48.8	17.7	8.12	17.8	28.8	17.8	4.448	6.888	24
25	2.118	1.338	4.84 B	8.18	48.2	17.8	4.82	18.2	28.8	18.8	4.878	6.818	25
26	2.178	1.318	5.18 B	8.48	88.8	14.8	4.82	18.8	28.3	17.4	4.838	6.888	26
27	2.188	1.288	5.88 B	7.42	83.7	13.8	4.18	13.7	28.2	18.8	4.788	3.788	27
28	1.888	1.268	6.18 B	7.47	43.3	13.8	3.78	18.4	23.7	17.2	4.738	3.688	28
29	1.788		7.08 B	10.8	42.1	13.2	3.78	11.8	21.2	18.8	8.848	3.288	29
30	1.488		7.78 B	12.7	48.8	13.8	4.81	18.7	20.7	18.2	8.848	3.428	30
31	1.318		8.48 B		48.8		3.87	8.88		18.1		3.888	31
TOTAL	48.28	38.48	110.832	378.87	880.8	851.7	201.88	231.88	884.88	830.8	258.88	158.18	TOTAL
MEAN	1.88	1.37	3.87	12.8	27.4	28.4	8.88	18.7	31.8	18.8	8.88	5.18	MEAN
MAX	2.17	1.48	8.48	18.8	88.8	88.1	12.8	28.4	148	28.8	18.7	8.88	MAX
MIN	1.31	1.84	8.888	7.42	12.7	12.8	3.78	3.87	8.88	18.8	4.44	3.28	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.8
MAXIMUM DAILY, 148 ON SEP 13
MINIMUM DAILY, 0.8888 ON MAR 8
MAXIMUM INSTANTANEOUS,
174 AT 10:03 MST ON SEP 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 07 00 N
LONG 113 48 13 W
DRAINAGE AREA, 3 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 380	JUL	17 880
FEB	3 870	AUG	20 700
MAR	8 880	SEP	82 880
APR	32 880	OCT	48 880
MAY	73 880	NOV	32 480
JUN	73 880	DEC	13 780

TOTAL DISCHARGE, 488 888 dam³

HILDA LAKE NEAR COLD LAKE - STATION NO. 06AC003

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	545.972	545.818	---	---	---	---	1
2	---	---	---	---	---	545.995	---	545.915	---	545.770	545.772	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	545.938	---	545.990	545.969	---	545.830	545.790	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	545.775	---	7
8	---	---	---	---	---	545.993	---	---	---	545.770	---	---	8
9	---	---	---	---	---	---	545.985	545.898	---	---	---	---	9
10	---	---	---	---	547.020	545.989	---	---	545.830	---	---	---	10
11	---	---	---	---	---	---	545.981	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	545.770	---	---	12
13	---	---	---	---	547.030	545.989	---	---	545.817	---	---	---	13
14	---	---	---	545.905	---	---	---	545.877	---	---	---	---	14
15	---	---	---	---	---	---	545.955	---	---	---	---	---	15
16	---	---	---	---	547.023	545.987	---	---	545.815	545.788	---	---	16
17	---	---	---	545.952	---	---	545.918	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	545.985	---	---	---	---	---	---	19
20	---	---	---	---	547.015	---	---	---	545.815	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	545.985	---	---	---	---	---	---	---	---	22
23	---	---	---	---	547.010	545.984	---	---	---	---	---	---	23
24	---	---	---	547.004	---	---	545.918	---	---	545.785	---	---	24
25	---	---	---	---	---	547.004	545.918	---	545.810	---	---	---	25
26	---	---	---	---	---	545.979	---	---	---	---	---	---	26
27	---	545.939	---	547.002	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	545.830	---	---	---	---	30
31	---		---		---		---	---	545.804	545.770	---	---	31
					547.005		545.914	---		---		---	
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 31 20 N
LONG 110 24 55 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 79.6 km²

MINES CREEK ABOVE GERRY LAKE - STATION NO. 07FD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0015	0.0508	1.04	0.288	0.483	0.086	0.031	0.852	---	---	1
2	---	---	0.0015	0.0388	1.15	0.248	0.409	0.068	0.033	0.827	---	---	2
3	---	---	0 E	0.0848	1.42	0.198	0.404	0.075	0.033	0.811	---	---	3
4	---	---	0 E	0.0888	1.81	0.184	0.540	0.076	0.030	0.808	---	---	4
5	---	---	0 E	0.0948	2.43	0.211	0.280	0.087	0.030	0.784	---	---	5
6	---	---	0 E	0.0888	2.78	0.218	0.181	0.088	0.030	0.788	---	---	6
7	---	---	0 E	0.1008	2.58	0.188	0.841	0.084	0.030	0.780	---	---	7
8	---	---	0 E	0.4528	2.21	0.180	0.038	0.082	0.031	0.788	---	---	8
9	---	---	0 E	0.8098	1.96	0.180	0.028	0.085	0.031	0.776	---	---	9
10	---	---	0 E	0.7888	1.82	0.110	0.0288	0.080	0.038	0.777	---	---	10
11	---	---	0 E	0.6038	1.69	0.088	0.028	0.048	0.043	0.805	---	---	11
12	---	---	0 E	0.4138	1.60	0.078	0.022	0.048	0.048	0.811	---	---	12
13	---	---	0 E	0.7748	1.58	0.068	0.028	0.050	0.098	0.798	---	---	13
14	---	---	0 E	1.07 E	1.38	0.080	0.021	0.048	0.132	0.785	---	---	14
15	---	---	0 E	1.41 E	1.02	0.036	0.023	0.083	0.382	0.783	---	---	15
16	---	---	0 E	1.17 E	0.887	0.032	0.015	0.048	0.483	0.818	---	---	16
17	---	---	0 E	1.10 E	0.785	0.008	0.017	0.044	0.887	0.825	---	---	17
18	---	---	0.0018	0.8328	0.671	0.008	0.030	0.042	0.783	0.881	---	---	18
19	---	---	0.0018	0.898	0.631	0.018	0.020	0.048	0.778	0.833	---	---	19
20	---	---	0.0028	0.881	0.596	0.022	0.017	0.047	0.784	0.801	---	---	20
21	---	---	0.0028	0.881	0.431	0.048	0.028	0.048	0.788	0.788	---	---	21
22	---	---	0.0018	0.842	0.378	0.087	0.041	0.046	0.828	0.784	---	---	22
23	---	---	0.0018	0.783	0.387	0.134	0.081	0.038	0.848	0.778	---	---	23
24	---	---	0 E	0.888	0.380	0.172	0.048	0.041	0.828	0.7078	---	---	24
25	---	---	0 E	0.815	0.368	0.131	0.028	0.038	0.843	0.6348	---	---	25
26	---	---	0 E	0.783	0.311	0.128	0.088	0.032	0.884	0.6488	---	---	26
27	---	---	0 E	0.808	0.287	0.108	0.0848	0.028	0.868	0.4628	---	---	27
28	---	0.0018	0 E	0.853	0.274	0.121	0.062	0.036	0.848	0.3838	---	---	28
29	---		0.0018	1.08	0.288	0.280	0.071	0.038	0.838	0.3178	---	---	29
30	---		0.0028	1.08	0.288	0.323	0.077	0.033	0.881	0.2928	---	---	30
31	---		0.0108		0.281		0.077	0.033		0.2788		---	31
TOTAL	---	---	0.024	30.841	33.488	3.778	3.888	1.880	13.788	22.081	---	---	TOTAL
MEAN	---	---	0.001	0.888	1.08	0.128	0.128	0.081	0.434	0.711	---	---	MEAN
MAX	---	---	0.010	1.41	2.78	0.323	0.888	0.088	0.884	0.852	---	---	MAX
MIN	---	---	0	0.888	0.274	0.008	0.018	0.032	0.030	0.278	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.488
MAXIMUM DAILY, 2.78 ON MAY 8
MINIMUM DAILY, 0E 00 MAR 3
MAXIMUM INSTANTANEOUS,
2.80 AT 09:30 MST ON MAY 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 20 03 N
LONG 110 15 45 W
DRAINAGE AREA, 374 km²

E - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	343
FEB	---	AUG	137
MAR	2.07	SEP	1 100
APR	1 770	OCT	1 910
MAY	2 800	NOV	---
JUN	328	DEC	---

TOTAL DISCHARGE, 8 480 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM A GRAPH OF OBSERVED READINGS

HINES CREEK NEAR FAIRVIEW - STATION NO. 07FD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	2.370	3.19	1.01	0.0806	0	0	0.676	---	---	1
2	---	---	0.0018	3.440	3.15	0.982	0.005	0	0	0.676	---	---	2
3	---	---	0.0018	4.030	3.30	0.906	0.003	0	0	0.616	---	---	3
4	---	---	0.0018	4.930	2.44	0.892E	0.001	0	0	0.598E	---	---	4
5	---	---	0.0020	5.150	2.49	0.618	0	0	0	0.580	---	---	5
6	---	---	0.0040	5.430	2.54	0.194	0	0	0	0.580	---	---	6
7	---	---	0.0100	5.610	2.72	0.136	0	0	0	0.604	---	---	7
8	---	---	0.0150	7.030	2.80	0.100	0.052	0	0	0.628	---	---	8
9	---	---	0.0200	13.0 B	2.99	0.088	0.076	0	0	0.640	---	---	9
10	---	---	0.0300	17.0 B	2.99E	0.092	0.034	0	0	0.640	---	---	10
11	---	---	0.0450	18.1 B	3.20	0.024	0.082	0	0	0.676E	---	---	11
12	---	---	0.0700	16.2 B	3.42	0.016	1.14	0	0	0.712	---	---	12
13	---	---	0.1000	10.7 B	3.85	0.015	0.610	0	0.002	0.688	---	---	13
14	---	---	0.2030	13.3 B	3.64E	0.015	0.310	0	0.018	0.664	---	---	14
15	---	---	0.2900	14.7 B	3.59	0.015E	0.198E	0	0.014	0.634	---	---	15
16	---	---	0.7000	11.6 B	3.39	0.017E	0.088	0	0.005	0.595	---	---	16
17	---	---	1.45 B	9.648	3.17	0.019	0.050	0	0	0.630E	---	---	17
18	---	---	2.01 B	7.258	3.05	0.011	0.119	0	0.002	0.654	---	---	18
19	---	---	3.10 B	6.088	1.74	0.010	0.134	0	0	0.654	---	---	19
20	---	---	3.15 B	4.908	1.84E	0.010	0.134	0	0	0.654	---	---	20
21	---	---	1.75 B	4.388	1.53	0.007	0.078E	0	0	0.632E	---	---	21
22	---	---	1.52 B	3.78	1.44	0.008	0.018	0	0	0.670	---	---	22
23	---	---	0.9028	3.61	1.39	0.011	0	0	0	0.686	---	---	23
24	---	---	0.8828	3.57E	1.36	0.012	0.018	0	0	0.902	---	---	24
25	---	---	0.5928	3.63	1.35	0.013	0.0088	0	0.038	0.916	---	---	25
26	---	---	0.7508	3.14	1.35	0.012	0	0	0.680	0.916	---	---	26
27	---	---	1.11 B	3.14	1.30E	0.011	0	0	0.712	1.38 B	---	---	27
28	---	0.0018	0.8468	3.08	1.14	0.0848	0	0	0.676	1.38 B	---	---	28
29	---		1.55 B	3.03	1.11	0.116	0	0	0.724	1.93 B	---	---	29
30	---		2.19 B	2.17	1.06	0.114	0	0	0.730	2.49 B	---	---	30
31	---		2.26 B		1.05		0	0		1.85 B		---	31
TOTAL	---	---	24.394	206.87	80.27	5.110	4.905	0	3.524	27.986	---	---	TOTAL
MEAN	---	---	0.787	6.85	1.84	0.170	0.158	0	0.117	0.903	---	---	MEAN
MAX	---	---	3.10	18.1	3.80	1.01	1.14	0	0.730	2.49	---	---	MAX
MIN	---	---	0.001	2.02	1.05	0.007	0	0	0	0.580	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.35
MAXIMUM DAILY, 18.10 ON APR 11
MINIMUM DAILY, 0 ON JUL 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 56 04 05 N
LONG 118 28 35 W
DRAINAGE AREA, 1 240 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	426
FEB	---	AUG	0
MAR	2 110	SEP	304
APR	17 800	OCT	2 420
MAY	6 210	NOV	---
JUN	442	DEC	---

TOTAL DISCHARGE, 29 700 dam³

HORSE CREEK NEAR VALLEYVIEW - STATION NO. 07EF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0240	0.052	0.006	0.001	0	0	0.005	0.0058	---	1
2	---	---	---	0.0278	0.047	0.004	0.001	0	0	0.005	0.0058	---	2
3	---	---	---	0.0158	0.040	0.003	0.001	0	0	0.005	0.0058	---	3
4	---	---	---	0.0118	0.038	0.003	0	0	0	0.005	0.0048	---	4
5	---	---	---	0.0158	0.030	0.003	0	0	0	0.005	---	---	5
6	---	---	---	0.0198	0.027	0.003	0	0	0	0.005	---	---	6
7	---	---	---	0.0278	0.028	0.002	0	0	0	0.005	0.0038	---	7
8	---	---	---	0.0448	0.025	0.002	0	0	0	0.005	---	---	8
9	---	---	---	0.0748	0.023	0.002	0	0	0	0.005	---	---	9
10	---	---	---	0.1398	0.020	0.002	0	0	0	0.007	---	---	10
11	---	---	---	0.2418	0.018	0.002	0	0	0	0.007	---	---	11
12	---	---	---	0.2448	0.018	0.001	0	0	0	0.009	0.0038	---	12
13	---	---	---	0.324	0.013	0.001	0	0	0.002	0.012	---	---	13
14	---	---	---	0.302	0.013	0.002	0	0	0.001	0.025	---	---	14
15	---	---	---	0.238	0.010	0.003	0	0	0.001	0.037	---	---	15
16	---	---	---	0.177	0.009	0.002	0	0	0.001	0.039	---	---	16
17	---	---	---	0.135	0.009	0.002	0	0	0.002	0.031	---	---	17
18	---	---	---	0.107	0.008	0.001	0	0	0.001	0.026	---	---	18
19	---	---	---	0.080	0.007	0.001	0	0	0.002	0.024	---	---	19
20	---	---	---	0.077	0.008	0.001	0	0	0.002	0.023	---	---	20
21	---	---	---	0.084	0.006	0.001	0	0	0.006	0.021	---	---	21
22	---	---	---	0.088	0.006	0.001	0	0	0.006	0.018	---	---	22
23	---	---	0.0038	0.068	0.006	0.003	0	0	0.005	0.0178	---	---	23
24	---	---	---	0.068	0.006	0.005	0	0	0.005	0.0148	---	---	24
25	---	---	0.0038	0.063	0.007	0.003	0	0	0.004	0.0118	---	---	25
26	---	---	---	0.051	0.008	0.002	0	0	0.003	0.0088	---	---	26
27	---	---	---	0.054	0.008	0.002	0	0	0.003	0.0088	---	---	27
28	---	---	---	0.060	0.008	0.003	0	0	0.007	0.0088	---	---	28
29	---		0.0038	0.063	0.008	0.003	0	0	0.007	0.0078	---	---	29
30	---		0.0018	0.061	0.007	0.001	0	0	0.006	0.0078	---	---	30
31	---		0.0038		0.006		0	0		0.0068		---	31
TOTAL	---	---	---	3.848	0.504	0.085	0.003	0	0.074	0.416	---	---	TOTAL
MEAN	---	---	---	0.096	0.018	0.002	0	0	0.002	0.013	---	---	MEAN
MAX	---	---	---	0.324	0.052	0.006	0.001	0	0.006	0.039	---	---	MAX
MIN	---	---	---	0.011	0.006	0.001	0	0	0	0.006	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.324 ON APR 13
MINIMUM DAILY, 0 ON JUL 6
MAXIMUM INSTANTANEOUS,
0.388 AT 10:45 MST ON APR 14

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 05 10 N
LONG 117 46 47 W
DRAINAGE AREA, 4.37 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.35
FEB	---	AUG	0
MAR	---	SEP	0.38
APR	248	OCT	35.8
MAY	43.8	NOV	---
JUN	5.70	DEC	---

TOTAL DISCHARGE, 330 dam³

HOUSE RIVER AT HIGHWAY NO. 63 - STATION NO. 07CB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.5578	0.8508	11.7	6.74	5.28	3.20	0.691	1.52	---	---	1
2	---	---	0.5578	0.7308	12.6	6.36	4.56	2.06	0.743	1.52	---	---	2
3	---	---	0.5578	0.6708	13.6	5.96	4.34	2.00	0.697	1.55	---	---	3
4	---	---	0.5578	1.01 E	17.8	5.51	3.92	1.85	0.930	1.67	---	---	4
5	---	---	0.5578	1.15 E	26.5	4.89	3.60	1.67	1.32	1.60	---	---	5
6	---	---	0.5578	1.30 E	31.1	4.61	3.13	1.51	1.43	1.61	---	---	6
7	---	---	0.5578	1.50 E	27.7	4.30	2.95	1.39	1.53	1.61	---	---	7
8	---	---	0.5578	1.75 E	25.6	4.21	2.84	1.36	1.36	1.58	---	---	8
9	---	---	0.5578	1.90 E	25.0	4.16	2.91	1.31	1.38	1.558	---	---	9
10	---	---	0.5578	2.15 E	23.8	4.03	2.87	1.38	1.17	1.63	---	---	10
11	---	---	0.5578	2.50 E	22.7	3.88	2.66	1.11	1.07	1.68	---	---	11
12	---	---	0.5578	3.00 E	21.1	3.66	2.31	1.11	1.01	1.67	---	---	12
13	---	---	0.5578	3.70 E	20.3	3.46	2.41	1.08	1.00	1.76	---	---	13
14	---	---	0.5578	4.60 E	19.1	3.17	2.53	1.08	1.00	1.87	---	---	14
15	---	---	0.5578	5.10 E	18.2	3.04	2.50	0.988	0.958	1.80	---	---	15
16	---	---	0.5588	5.80 E	17.2	3.14	2.31	0.889	1.05	1.68	---	---	16
17	---	---	0.5638	6.64 E	16.3	3.28	2.10	0.846	1.24	1.68	---	---	17
18	---	---	0.5848	8.40 E	15.1	3.16	1.89	0.788	1.35	1.66	---	---	18
19	---	---	0.5868	9.61 E	14.0	3.01	1.73	0.738	1.39	2.05	---	---	19
20	---	---	0.5898	9.06 E	13.3	2.83	1.62	0.745	1.36	2.11	---	---	20
21	---	---	0.5718	7.84 E	12.6	2.69	1.52	0.893	1.37	2.18	---	---	21
22	---	---	0.5728	7.26 E	11.7	2.78	1.44	0.891	1.22	2.248	---	---	22
23	---	---	0.5758	7.66 E	10.8	2.18	1.37	0.878	1.35	2.528	---	---	23
24	---	---	0.5788	8.02 E	10.3	2.61	1.37	0.822	1.36	2.338	---	---	24
25	---	---	0.5858	8.36 E	9.84	6.13	1.43	0.870	1.37	2.248	---	---	25
26	---	---	0.5868	8.72 E	9.09	8.51	1.68	0.886	1.39	2.248	---	---	26
27	---	---	0.5888	7.78 E	8.66	7.40	2.50	0.851	1.05	3.228	---	---	27
28	---	---	0.5928	8.02	8.26	7.48	2.70	0.818	1.62	3.308	---	---	28
29	---		0.5868	10.2	7.81	6.88	2.57	0.595	1.84	3.248	---	---	29
30	---		0.6002	11.0	7.61	6.05	2.47	0.572	1.82	3.308	---	---	30
31	---		0.6158		7.02		2.35	0.859		3.298		---	31
TOTAL	---	---	17.927	135.590	497.37	136.41	79.36	32.776	36.949	69.99	---	---	TOTAL
MEAN	---	---	0.589	4.19	16.0	4.51	2.56	1.06	1.32	1.99	---	---	MEAN
MAX	---	---	0.615	11.0	31.1	7.46	5.28	2.20	1.82	3.52	---	---	MAX
MIN	---	---	0.557	0.850	7.02	2.69	1.37	0.846	0.891	1.49	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.02
MAXIMUM DAILY, 31.1 ON MAY 6
MINIMUM DAILY, 0.846 ON AUG 26
MAXIMUM INSTANTANEOUS,
33.3 AT 02:41 MST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 38 30 N
LONG 112 09 25 W
DRAINAGE AREA, 784 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 880
FEB	---	AUG	2 830
MAR	1 530	SEP	3 170
APR	10 800	OCT	5 100
MAY	43 000	NOV	---
JUN	11 700	DEC	---

TOTAL DISCHARGE, 85 000 dam³

HUTCH LAKE TRIBUTARY NEAR HIGH LEVEL - STATION NO. 07CB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	00	0 8	0.0394	0.197	0.039	0.034	0.139	0.132	---	---	1
2	---	---	00	0 8	1.14 E	0.180	0.033	0.031	0.148	0.131	---	---	2
3	---	---	00	0 8	1.45 E	0.171	0.033	0.019	0.138	0.119	---	---	3
4	---	---	00	0.0018	1.78 E	0.162	0.018	0.015	0.134	0.120	---	---	4
5	---	---	00	0.0018	1.85 E	0.149	0.017	0.031	0.117	0.147	---	---	5
6	---	---	00	0.0028	1.80 E	0.145	0.018	0.031	0.108	0.154	---	---	6
7	---	---	00	0.0038	1.85 E	0.141	0.012	0.017	0.102	0.184	---	---	7
8	---	---	00	0.0038	1.47 E	0.134	0.011	0.008	0.088	0.150	---	---	8
9	---	---	00	0.0048	1.27 E	0.111	0.008	0.003	0.087	0.183	---	---	9
10	---	---	00	0.0058	1.07 A	0.107	0.009	0.004	0.083	0.170	---	---	10
11	---	---	00	0.0068	0.994	0.091	0.008	0.005	0.082	0.163	---	---	11
12	---	---	00	0.0068	0.883	0.085	0.008	0.005	0.074	0.184	---	---	12
13	---	---	00	0.0068	0.808	0.081	0.007	0.003	0.074	0.184	---	---	13
14	---	---	00	0.0078	0.719	0.077	0.006	0.034	0.078	0.153	---	---	14
15	---	---	00	0.0088	0.648	0.084	0.005	0.131	0.081	0.161	---	---	15
16	---	---	00	0.0088	0.589	0.090	0.003	0.089	0.188	0.188	---	---	16
17	---	---	00	0.0088	0.544	0.076	0.002	0.087	0.133	0.181	---	---	17
18	---	---	00	0.0088	0.483	0.085	0.002	0.088	0.117	0.162	---	---	18
19	---	---	00	0.0088	0.447	0.088	0.002	0.087	0.111	0.184	---	---	19
20	---	---	00	0.0018	0.413	0.048	0.001	0.088	0.112	0.181	---	---	20
21	---	---	00	0.1578	0.388	0.043	0.000	0.088	0.118	0.172	---	---	21
22	---	---	00	0.1488	0.336	0.037	0.045	0.086	0.130	0.171	---	---	22
23	---	---	00	0.1088	0.280	0.045	0.028	0.082	0.128	0.1288	---	---	23
24	---	---	00	0.1388	0.268	0.037	0.031	0.082	0.108	0.1078	---	---	24
25	---	---	00	0.2488	0.238	0.030	0.024	0.127	0.108	0.0818	---	---	25
26	---	---	00	0.3488	0.208	0.028	0.068	0.188	0.104	0.0888	---	---	26
27	---	00	00	0.3088	0.208	0.030	0.048	0.135	0.131	0.0888	---	---	27
28	---	00	00	0.3488	0.188	0.048	0.048	0.133	0.132	0.0828	---	---	28
29	---		00	0.4388	0.202	0.025	0.044	0.128	0.130	0.0738	---	---	29
30	---		00	0.4288	0.208	0.021	0.038	0.138	0.133	0.0778	---	---	30
31	---		00		0.217		0.033	0.131		0.0788		---	31
TOTAL	---	---	0	3.831	33.883	3.000	0.888	1.788	3.823	4.184	---	---	TOTAL
MEAN	---	---	0	0.087	0.780	0.087	0.018	0.058	0.117	0.135	---	---	MEAN
MAX	---	---	0	0.488	1.85	0.187	0.068	0.188	0.188	0.181	---	---	MAX
MIN	---	---	0	0	0.188	0.028	0.001	0.003	0.078	0.072	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.180
MAXIMUM DAILY, 1.85E ON MAY 6
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
2.06 ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 43 09 N
LONG 117 14 37 W
DRAINAGE AREA, 193 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	51.8
FEB	---	AUG	155
MAR	0	SEP	204
APR	353	OCT	302
MAY	2 030	NOV	---
JUN	330	DEC	---

TOTAL DISCHARGE, 3 330 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARK

IDSEGUN RIVER NEAR LITTLE SMOKY - STATION NO. 07EG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.8708	3.088	27.3	12.2	22.5	1.27	1.48	21.2	---	---	1
2	---	---	0.8108	4.188	26.1	11.3	19.2	1.15	1.48	19.0	---	---	2
3	---	---	0.8158	3.688	27.9	9.43	14.2	1.03	1.52	17.4	---	---	3
4	---	---	0.8158	3.068	45.3	7.83	12.7	1.18	1.48	16.4	---	---	4
5	---	---	0.8208	3.228	48.4	7.31	11.7	0.939	1.55	15.5	---	---	5
6	---	---	0.8208	3.588	41.0	6.77	10.3	0.798	2.27	14.5	---	---	6
7	---	---	0.8438	3.828	34.1	5.98	8.85	0.676	3.59	13.7	---	---	7
8	---	---	0.8958	3.988	30.7	5.29	7.59	0.888	4.04	12.9	---	---	8
9	---	---	1.02 E	4.188	28.2	4.80	6.86	0.817	3.88	12.3	---	---	9
10	---	---	1.14 E	4.308	26.9	4.59	5.95	0.771	3.27	11.6	---	---	10
11	---	---	1.13 E	4.668	33.5	4.35	5.45	0.726	2.88	11.1	---	---	11
12	---	---	1.08 E	7.108	23.6	4.04	4.37	0.884	2.88	10.9	---	---	12
13	---	---	1.10 E	14.6 E	21.6	3.78	4.76	0.865	5.91	11.4	---	---	13
14	---	---	1.09 E	34.0 E	19.9	3.85	4.52	1.15	26.5	13.9	---	---	14
15	---	---	1.06 E	43.6 E	18.4	3.42	4.34	1.67	36.1	19.3	---	---	15
16	---	---	1.16 E	48.9 E	16.8	3.26	4.13	3.07	39.3	27.0	---	---	16
17	---	---	1.25 E	45.4 E	15.3	2.95	3.73	5.12	36.3	30.8	---	---	17
18	---	---	2.00 E	40.3	14.2	2.85	3.80	4.36	35.2	30.7	---	---	18
19	---	---	4.16 E	41.3	13.3	2.28	3.67	3.32	33.7	28.1	---	---	19
20	---	---	4.30 E	36.8	12.4	2.05	3.67	2.29	31.9	25.1	---	---	20
21	---	---	4.16 E	34.8	11.1	1.94	2.35	1.72	31.5	22.6	---	---	21
22	---	---	3.66 E	27.8	9.97	1.88	2.16	1.60	28.7	20.7	---	---	22
23	---	---	2.97 E	26.4	8.58	2.21	1.93	1.31	31.2	19.0	---	---	23
24	---	---	3.13 E	30.8	8.05	8.03	1.78	1.17	29.6	17.4	---	---	24
25	---	---	2.63 E	31.3	8.19	82.7	1.68	1.10	31.2	16.0	---	---	25
26	---	---	2.32 E	31.6	9.48	71.7	1.89	1.02	31.6	14.2	---	---	26
27	---	---	2.57 E	33.3	10.4	64.1	1.68	0.900	32.6	12.7	---	---	27
28	---	---	2.52 E	32.6	10.1	58.3	1.66	0.823	33.2	13.3	---	---	28
29	---		2.02 E	29.9	9.65	36.9	1.60	0.785	28.3	11.6A	---	---	29
30	---		1.93 E	28.2	14.1	28.9	1.52	0.750	24.2	11.0E	---	---	30
31	---		2.06 E		13.9		1.38	0.748		11.3E		---	31
TOTAL	---	---	58.997	696.62	643.02	436.42	184.17	44.003	514.88	531.7	---	---	TOTAL
MEAN	---	---	1.84	23.3	20.7	14.5	5.84	1.42	17.2	17.2	---	---	MEAN
MAX	---	---	4.30	48.9	45.3	71.7	22.5	5.12	36.1	30.8	---	---	MAX
MIN	---	---	0.810	3.06	8.05	1.88	1.38	0.726	1.48	10.9	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.6
MAXIMUM DAILY, 71.7 ON JUN 26
MINIMUM DAILY, 0.726 ON AUG 11
MAXIMUM INSTANTANEOUS,
75.2 AT 23:00 MST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 44 43 N
LONG 117 05 04 W
DRAINAGE AREA, 1 950 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	15 900
FEB	---	AUG	3 800
MAR	4 920	SEP	44 500
APR	57 800	OCT	45 800
MAY	55 600	NOV	---
JUN	37 700	DEC	---

TOTAL DISCHARGE, 285 000 dam³

IRON CREEK NEAR HARDISTY - STATION NO. 05FB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	4.378	1.70	0.880	0.906	0.035	0.002	0.018	0.0788	---	1
2	---	---	0 B	3.888	1.69	0.660	0.395	0.020	0.004	0.018	0.0788	---	2
3	---	---	0 B	4.048	1.98	0.588	0.333	0.012	0.002	0.017	0.0778	---	3
4	---	---	0 B	5.038	2.33	0.884	0.172	0.024	0.002	0.017	0.0788	---	4
5	---	---	0 B	6.208	2.06	0.571	0.158	0.043	0.002	0.0158	0.0798	---	5
6	---	---	0 B	6.908	1.97	0.767	0.126	0.055	0.003	0.0158	0.0808	---	6
7	---	---	0 B	6.358	1.90	0.670	0.104	0.038	0.003	0.0158	---	---	7
8	---	---	0 B	5.67	1.77	0.588	0.086	0.048	0.002	0.0158	---	---	8
9	---	---	0 B	4.60	1.71	0.944	0.082	0.047	0.006	0.018	---	---	9
10	---	---	0 B	3.95	1.80	0.812	0.096	0.045	0.010	0.018	---	---	10
11	---	---	0 B	3.58	1.48	0.708	0.103	0.032	0.004	0.018	---	---	11
12	---	---	0 B	3.28	1.47	0.682	0.114	0.016	0.012	0.017	---	---	12
13	---	---	0 B	2.97	1.47	0.677	0.119	0.002	0.028	0.018	---	---	13
14	---	---	0 B	2.78	1.43	0.683	0.137	0.004	0.037	0.017	---	---	14
15	---	---	0 B	2.57	1.36	0.665	0.087	0.007	0.035	0.017	---	---	15
16	---	---	0.0308	2.37	1.37	0.637	0.088	0.008	0.030	0.018	---	---	16
17	---	---	0.0088	2.21	1.37	0.602	0.129	0.006	0.030	0.013	---	---	17
18	---	---	0.1508	2.02	1.32	0.583	0.151	0.003	0.031	0.010	---	---	18
19	---	---	0.2508	1.85	1.22	0.583	0.172	0.002	0.027	0.008	---	---	19
20	---	---	0.3208	1.91	1.12	0.488	0.184	0.001	0.033	0.008	---	---	20
21	---	---	0.3608	1.88	1.01	0.388	0.148	0.004	0.024	0.027	---	---	21
22	---	---	0.3508	1.81	0.861	0.388	0.139	0.001	0.026	0.084	---	---	22
23	---	---	0.3408	1.87	0.738	0.345	0.132	0.050	0.028	0.050	---	---	23
24	---	---	0.3308	1.88	0.302	0.324	0.123	0.018	0.032	0.048	---	---	24
25	---	---	0.3008	1.81	0.358	0.311	0.105	0.009	0.031	0.058	---	---	25
26	---	---	0.2878	1.85	0.351	0.300	0.133	0.003	0.032	0.064	---	---	26
27	---	---	0.2108	1.81	0.358	0.843	0.081	0.009	0.034	0.072	---	---	27
28	---	0B	0.1588	1.84	0.403	0.837	0.090	0.004	0.026	0.073	---	---	28
29	---		1.37 B	1.77	0.488	0.708	0.082	0.004	0.023	0.0748	---	---	29
30	---		1.81 B	1.78	0.757	0.870	0.082	0.003	0.016	0.0788	---	---	30
31	---		3.12 B		0.745		0.085	0.002		0.0788		---	31
TOTAL	---	---	9.885	85.78	36.800	10.430	4.448	0.323	0.588	0.881	---	---	TOTAL
MEAN	---	---	0.319	2.15	1.24	0.814	0.143	0.020	0.019	0.032	---	---	MEAN
MAX	---	---	3.12	6.80	2.33	0.888	0.808	0.081	0.037	0.078	---	---	MAX
MIN	---	---	0	1.78	0.288	0.288	0.085	0.001	0.002	0.008	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.880
MAXIMUM DAILY, 6.908 ON APR 6
MINIMUM DAILY, 00 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 42 26 N
LONG 111 16 36 W
DRAINAGE AREA, 3 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	384
FEB	---	AUG	83.6
MAR	238	SEP	68.1
APR	6 280	OCT	84.6
MAY	3 230	NOV	---
JUN	1 880	DEC	---

TOTAL DISCHARGE, 10 800 dam³

IRON CREEK NEAR VIKING - STATION NO. 05FB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.47	0.044	0.004	0	0	0	0	0B	---	1
2	---	---	0 B	1.84	0.042	0.003	0	0	0	0	0B	---	2
3	---	---	0 B	2.17	0.033	0.002	0	0	0	0	0B	---	3
4	---	---	0 B	1.86	0.029	0.001	0	0	0	0	0B	---	4
5	---	---	0 B	1.61	0.050	0.002	0	0	0	0	0B	---	5
6	---	---	0 B	1.06	0.044	0.007	0	0	0	0B	0B	---	6
7	---	---	0 B	0.787	0.031	0.023	0	0	0	0B	---	---	7
8	---	---	0 B	0.580	0.022	0.072	0	0	0	0B	---	---	8
9	---	---	0 B	0.424	0.015	0.093	0	0	0	0B	---	---	9
10	---	---	0 B	0.338	0.016	0.041	0	0	0	0	---	---	10
11	---	---	0 B	0.248	0.017	0.083	0	0	0	0	---	---	11
12	---	---	0 B	0.193	0.102	0.062	0	0	0	0	---	---	12
13	---	---	0 B	0.164	0.084	0.037	0	0	0	0	---	---	13
14	---	---	0 B	0.109	0.075	0.037	0	0	0	0	---	---	14
15	---	---	0 B	0.071	0.085	0.108	0	0	0	0	---	---	15
16	---	---	0.0108	0.049	0.108	0.331	0	0	0	0	---	---	16
17	---	---	0.0402	0.039	0.072	0.188	0	0	0	0	---	---	17
18	---	---	0.0608	0.036	0.050	0.070	0	0	0	0	---	---	18
19	---	---	0.0708	0.018	0.038	0.038	0	0	0	0	---	---	19
20	---	---	0.1888	0.038	0.032	0.007	0	0	0	0	---	---	20
21	---	---	0.1708	0.044	0.013	0	0	0	0	0	---	---	21
22	---	---	0.3488	0.017	0.011	0	0	0	0	0	---	---	22
23	---	---	0.4008	0.008	0.005	0.028	0	0	0	0	---	---	23
24	---	---	0.4358	0.008	0.005	0.436	0	0	0	0	---	---	24
25	---	---	0.4308	0.130	0.007	0.232	0	0	0	0	---	---	25
26	---	---	0.4288	0.128	0.008	0.084	0	0	0	0	---	---	26
27	---	---	0.4208	0.088	0.008	0.041	0	0	0	0	---	---	27
28	---	---	0.4008	0.077	0.008	0.011	0	0	0	0	---	---	28
29	---		0.4088	0.080	0.006	0.001	0	0	0	0	---	---	29
30	---		0.4788	0.083	0.005	0	0	0	0	0	---	---	30
31	---		1.15 B		0.005		0	0		0B	---	---	31
TOTAL	---	---	5.624	13.736	1.082	1.913	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.181	0.458	0.035	0.064	0	0	0	0	---	---	MEAN
MAX	---	---	1.15	2.17	0.108	0.436	0	0	0	0	---	---	MAX
MIN	---	---	0	0.017	0.005	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.091
MAXIMUM DAILY, 2.17 ON APR 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.21 AT 17:13 MST ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 00 58 N
LONG 111 54 07 W
DRAINAGE AREA, 131 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	469	SEP	0
APR	1 190	OCT	0
MAY	93.5	NOV	---
JUN	165	DEC	---

TOTAL DISCHARGE, 1 930 dam³

ISLE LAKE AT EUREKA BEACH - STATION NO. 05EA005

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	730.852	730.823	730.784	730.681	730.682	730.723	---	---	1
2	---	---	---	730.766	730.853	730.818	730.762	730.680	730.682	730.723	---	---	2
3	---	---	---	---	730.845	730.810	730.766	730.680	730.676	---	---	---	3
4	---	---	---	---	730.839	730.800	730.757	730.684	730.677	730.718	---	---	4
5	---	---	---	---	730.831	730.785	730.749	730.684	---	730.718	730.737	---	5
6	---	---	---	---	730.818	730.783	730.748	730.676	730.688	---	---	---	6
7	---	---	---	---	730.808	730.775	730.743	730.677	730.670	730.713	---	---	7
8	---	---	---	---	730.807	---	730.738	---	730.676	730.718	---	---	8
9	---	---	---	---	730.805	730.766	730.737	730.671	730.672	730.711	---	---	9
10	---	---	---	730.883	730.803	730.762	730.731	730.672	730.673	730.713	---	---	10
11	---	---	---	---	730.878	730.761	730.727	730.670	730.672	---	---	---	11
12	---	---	---	---	730.878	730.761	730.742	730.672	---	---	---	---	12
13	---	---	---	---	730.863	730.748	730.734	730.675	730.702	730.713	---	---	13
14	---	---	---	---	730.848	730.740	730.728	730.671	730.713	730.718	---	---	14
15	---	---	---	---	730.839	730.740	730.728	---	730.718	730.723	---	---	15
16	---	---	---	---	730.838	730.736	730.732	730.700	730.717	730.728	---	---	16
17	---	---	---	---	730.836	730.719	730.741	730.682	730.713	730.725	---	---	17
18	---	---	---	---	730.814	730.713	730.736	730.681	730.708	730.725	---	---	18
19	---	---	---	---	730.803	730.720	730.740	---	730.715	730.725	---	---	19
20	---	---	---	---	730.888	730.714	730.736	730.703	730.708	730.727	---	---	20
21	---	---	---	---	730.888	730.716	730.737	---	---	730.725	---	---	21
22	---	---	---	---	730.878	730.715	---	730.701	---	730.725	---	---	22
23	---	---	---	---	730.883	---	730.727	730.684	730.723	730.727	---	---	23
24	---	---	---	---	---	730.783	730.736	730.687	---	730.725	---	---	24
25	---	---	---	---	730.883	730.784	730.734	---	730.727	730.723	---	---	25
26	---	---	---	---	730.847	730.786	---	730.683	---	730.722	---	---	26
27	---	---	---	---	730.839	730.788	730.713	730.686	730.726	730.723	---	---	27
28	---	730.842	---	---	730.836	730.773	730.707	730.684	730.723	730.723	---	---	28
29	---		---	---	730.842	730.788	730.706	730.676	730.723	730.723	---	---	29
30	---		---	730.888	730.836	730.787	730.702	730.688	730.726	730.723	---	---	30
31	---		---		730.825		730.688	730.687		730.723		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 37 23 N
LONG 114 42 01 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
270 km²

JACKFISH CREEK NEAR LA COREY - STATION NO. 06AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1800	0.5748	0.878	0.087	0.032	0.003	0.057	0.002	---	---	1
2	---	---	0.1800	0.9818	1.03	0.083	0.026	0.003	0.054	0.002	---	---	2
3	---	---	0.1800	0.7818	1.06	0.051	0.022	0.002	0.047	0.001	---	---	3
4	---	---	0.1800	0.8100	1.10	0.062	0.018	0.001	0.051	0.001	---	---	4
5	---	---	0.1800	0.4878	1.13	0.114	0.018	0.007	0.078	0.001	---	---	5
6	---	---	0.1800	0.4488	1.13	0.078	0.015	0.000	0.380	0.001	---	---	6
7	---	---	0.1800	0.4668	1.09	0.030	0.008	0.032	0.075	0.001	---	---	7
8	---	---	0.1800	0.5178	1.02	0.035	0.008	0.049	0.045	0.001	---	---	8
9	---	---	0.1800	0.6388	0.937	0.042	0.008	0.045	0.038	0.001	---	---	9
10	---	---	0.1800	0.7708	0.818	0.039	0.003	0.033	0.032	0.001	---	---	10
11	---	---	0.1800	0.8708	0.879	0.026	0.003	0.028	0.035	0.001	---	---	11
12	---	---	0.1800	1.00 E	0.873	0.015	0.001	0.033	0.033	0.001	---	---	12
13	---	---	0.1848	1.23 E	0.889	0.008	0.001	0.018	0.022	0.001	---	---	13
14	---	---	0.1888	1.45 E	0.898	0.001	0.001	0.013	0.019	0.001	---	---	14
15	---	---	0.1908	1.65 E	0.777	0.002	0.001	0.011	0.017	0.001	---	---	15
16	---	---	0.1938	1.35 E	0.854	0.011	0.001	0.009	0.018	0.001	---	---	16
17	---	---	0.1588	1.07	0.897	0.023	0.001	0.009	0.016	0.001	---	---	17
18	---	---	0.2008	0.910	0.870	0.030	0.001	0.008	0.013	0.002	---	---	18
19	---	---	0.2003	0.788	0.838	0.038	0.002	0.009	0.010	0.001	---	---	19
20	---	---	0.2008	0.644	0.826	0.040	0.008	0.013	0.009	0.001	---	---	20
21	---	---	0.2008	0.6588	0.800	0.041	0.008	0.012	0.008	0.001	---	---	21
22	---	---	0.2008	1.09 E	0.858	0.045	0.011	0.011	0.008	0.0018	---	---	22
23	---	---	0.2008	1.20 E	0.432	0.042	0.013	0.008	0.007	0.0018	---	---	23
24	---	---	0.2008	1.32 A	0.337	0.037	0.019	0.008	0.008	0.0018	---	---	24
25	---	---	0.2008	1.20	0.318	0.040	0.012	0.005	0.007	0.0018	---	---	25
26	---	---	0.2008	1.03	0.245	0.048	0.002	0.004	0.008	0.0018	---	---	26
27	---	0.1808	0.2008	0.882	0.211	0.031	0.002	0.002	0.005	0.0018	---	---	27
28	---	0.1808	0.2038	0.813	0.237	0.028	0.005	0.002	0.004	0.0018	---	---	28
29	---		0.2108	0.803	0.173	0.030	0.008	0.001	0.003	0.0018	---	---	29
30	---		0.2788	0.888	0.118	0.033	0.008	0.001	0.003	0.0018	---	---	30
31	---		0.3588		0.085		0.008	0.013		0.0018	---	---	31
TOTAL	---	---	5.180	27.957	30.491	1.180	0.359	0.373	1.080	0.034	---	---	TOTAL
MEAN	---	---	0.189	0.932	0.881	0.039	0.008	0.013	0.036	0.001	---	---	MEAN
MAX	---	---	0.358	1.65	1.13	0.114	0.032	0.049	0.380	0.002	---	---	MAX
MIN	---	---	0.180	0.488	0.085	0.001	0.001	0.001	0.003	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.235
MAXIMUM DAILY, 1.850 ON APR 15
MINIMUM DAILY, 0.001 ON JUN 14
MAXIMUM INSTANTANEOUS,
1.88 AT 12:30 MST ON SEP 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 30 N
LONG 110 41 10 W
DRAINAGE AREA, 495 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	22 4
FEB	---	AUG	32 2
MAR	532	SEP	94 2
APR	2 430	OCT	2 84
MAY	1 770	NOV	---
JUN	102	DEC	---

TOTAL DISCHARGE, 4 980 dam³

JACKFISH RIVER BELOW CHRISTINA LAKE - STATION NO. 07CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.358	1.15 B	18.7	13.0 E	5.95	3.03	0.883	0.992	---	---	1
2	---	---	1.258	1.07 B	18.8	13.0 E	5.87	1.93	0.850	0.989	---	---	2
3	---	---	1.358	0.9858	21.1	13.0 E	5.48	1.84	0.885	0.988	---	---	3
4	---	---	1.258	0.9128	23.8	12.8 E	5.30	1.78	0.850	0.983	---	---	4
5	---	---	1.288	0.8408	28.7	12.3 E	4.98	1.73	0.905	0.981	---	---	5
6	---	---	1.348	0.8008	41.0	11.8 E	4.87	1.80	0.855	0.934	---	---	6
7	---	---	1.348	0.8188	52.8E	11.2 E	4.68	1.83	0.885	0.984	---	---	7
8	---	---	1.348	0.8408	56.0E	10.3 E	4.36	1.81	0.858	0.944	---	---	8
9	---	---	1.348	0.8908	84.0E	9.788	4.21	1.85	0.888	0.987	---	---	9
10	---	---	1.348	0.9458	81.0E	9.108	4.05	1.81	0.873	0.934	---	---	10
11	---	---	1.338	1.00 B	48.8E	8.838	3.85	1.48	0.878	0.938	---	---	11
12	---	---	1.338	1.09	33.0E	8.37	3.67	1.40	0.873	0.896	---	---	12
13	---	---	1.338	1.23	30.8E	7.99	3.58	1.34	0.907	0.913	---	---	13
14	---	---	1.328	1.33	27.3E	7.62	3.58	1.32	0.888	0.923	---	---	14
15	---	---	1.238	2.02	26.0E	7.19	3.48	1.29	1.06	0.912	---	---	15
16	---	---	1.228	3.21	24.8E	6.95	3.30	1.26	1.06	0.980	---	---	16
17	---	---	1.218	3.36	23.8E	6.59	3.21	1.24	1.03	0.979	---	---	17
18	---	---	1.208	3.50	22.8E	6.48	3.07	1.23	1.02	0.970	---	---	18
19	---	---	1.198	3.84	21.8E	6.07	2.98	1.16	1.04	0.973	---	---	19
20	---	---	1.188	2.97	20.7E	5.63	2.86	1.11	1.05	0.971	---	---	20
21	---	---	1.178	3.86	19.8E	5.44	2.78	1.05	0.983	0.970	---	---	21
22	---	---	1.168	3.61	18.7E	5.35	2.67	1.04	0.988	0.881	---	---	22
23	---	---	1.158	3.84	17.8E	5.33	2.66	1.03	0.868	0.8858	---	---	23
24	---	---	1.138	4.04	17.0E	5.35	2.69	1.03	0.883	0.8888	---	---	24
25	---	---	1.128	4.34	16.3E	5.31	2.58	1.02	0.971	0.9858	---	---	25
26	---	---	1.118	5.16	15.8E	5.63	2.38	0.977	0.988	0.9828	---	---	26
27	---	---	1.088	5.19	14.8E	6.32	2.32	0.987	0.938	0.9808	---	---	27
28	---	---	1.068	7.83	14.2E	6.38	2.38	0.943	0.971	0.9888	---	---	28
29	---		1.048	10.0	13.8E	6.37	2.27	0.920	0.983	0.9208	---	---	29
30	---		1.038	14.3	13.3E	6.33	2.31	0.923	0.884	0.9208	---	---	30
31	---		1.018		13.1E		2.13	0.888		0.9018		---	31
TOTAL	---	---	38.88	91.887	814.4	244.84	109.17	60.838	28.388	28.440	---	---	TOTAL
MEAN	---	---	1.16	3.06	26.3	8.16	3.52	1.31	0.942	0.950	---	---	MEAN
MAX	---	---	1.35	14.3	56.0	13.0	5.95	3.03	1.06	0.992	---	---	MAX
MIN	---	---	1.01	0.880	13.1	5.33	2.13	0.888	0.850	0.888	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.88
MAXIMUM DAILY, 56.0E ON MAY 6
MINIMUM DAILY, 0.8008 ON APR 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 40 25 N
LONG 111 06 00 W
DRAINAGE AREA, 1 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 430
FEB	---	AUG	3 810
MAR	3 170	SEP	2 460
APR	7 860	OCT	2 840
MAY	70 400	NOV	---
JUN	21 300	DEC	---

TOTAL DISCHARGE, 121 000 dam³

JACKPINE CREEK AT WADLIN LAKE ROAD - STATION NO. 07JD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0048	7.22	1.60	0.125	0.017	0.016	0.683	---	---	1
2	---	---	0 B	0.0088	7.19	1.48	0.115	0.019	0.015	0.712	---	---	2
3	---	---	0 B	0.0158	7.06	1.37	0.142	0.018	0.015	0.757	---	---	3
4	---	---	0 B	0.0348	8.15	1.28	0.089	0.017	0.014	0.843	---	---	4
5	---	---	0 B	0.1108	10.8	1.78	0.078	0.020	0.014	0.886	---	---	5
6	---	---	0 B	1.01 B	14.4	1.13	0.068	0.024	0.012	0.844	---	---	6
7	---	---	0 B	1.09 B	15.8	1.07	0.058	0.023	0.012	0.813	---	---	7
8	---	---	0 B	1.35 B	15.9	1.03	0.051	0.020	0.011	0.788	---	---	8
9	---	---	0 B	1.89 B	15.0	0.959	0.042	0.018	0.010	0.767	---	---	9
10	---	---	0 B	2.90 B	14.5	0.886	0.035	0.017	0.008	0.730	---	---	10
11	---	---	0 B	3.69 B	13.0	0.817	0.029	0.018	0.008	0.683	---	---	11
12	---	---	0 B	4.33 B	11.6	0.787	0.024	0.013	0.008	0.680	---	---	12
13	---	---	0 B	4.81 B	10.2	0.677	0.020	0.013	0.008	0.627	---	---	13
14	---	---	0 B	5.25 B	9.02	0.618	0.015	0.011	0.008	0.802	---	---	14
15	---	---	0 B	7.40 B	7.77	0.907	0.013	0.010	0.010	0.977	---	---	15
16	---	---	0 B	8.52 B	8.88	0.547	0.008	0.010	0.024	0.818	---	---	16
17	---	---	0 B	8.91 B	5.81	0.858	0.007	0.007	0.030A	0.835	---	---	17
18	---	---	0 B	9.42 B	5.11	0.455	0.006	0.005	0.100E	0.855	---	---	18
19	---	---	0 B	9.32 B	4.41	0.309	0.008	0.004	0.270E	0.755	---	---	19
20	---	---	0 B	8.10 B	3.93	0.325	0.005	0.007	0.440E	0.859	---	---	20
21	---	---	0 B	6.86 B	3.50	0.334	0.004	0.005	0.410E	0.887	---	---	21
22	---	---	0 B	7.91	3.18	0.282	0.004	0.005	0.380E	0.852	---	---	22
23	---	---	0 B	8.18	2.85	0.258	0.005	0.006	0.420E	0.847	---	---	23
24	---	---	0 B	8.87	2.61	0.239	0.007	0.005	0.545E	0.784	---	---	24
25	---	0B	0 B	7.87	2.39	0.221	0.009	0.004	0.640E	0.724	---	---	25
26	---	0B	0 B	7.04	2.21	0.202	0.014	0.012	0.673A	0.830	---	---	26
27	---	0B	0 B	6.28	2.01	0.187	0.018	0.011	0.885	0.582	---	---	27
28	---	0B	0 B	6.13	1.85	0.171	0.011	0.010	0.857	0.3938	---	---	28
29	---		0 B	8.20	1.69	0.158	0.013	0.010	0.888	0.3388	---	---	29
30	---		0 B	8.84	1.63	0.139	0.013	0.013	0.887	0.3438	---	---	30
31	---		0 0018		1.67		0.015	0.015		0.3698	---	---	31
TOTAL	---	---	0.001	151.181	220.42	19.808	1.084	0.384	5.784	21.211	---	---	TOTAL
MEAN	---	---	0	5.04	7.11	0.660	0.034	0.013	0.225	0.889	---	---	MEAN
MAX	---	---	0.001	9.42	15.9	1.80	0.142	0.024	0.673	0.887	---	---	MAX
MIN	---	---	0	0.004	1.63	0.139	0.004	0.005	0.008	0.338	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.72
MAXIMUM DAILY, 15.9 ON MAY 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
15.2 AT 01:00 MST ON MAY 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 11 35 N
LONG 115 45 00 W
DRAINAGE AREA, 582 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	91.8
FEB	---	AUG	34.0
MAR	0.09	SEP	584
APR	13 190	OCT	1 830
MAY	19 000	NOV	---
JUN	1 710	DEC	---

TOTAL DISCHARGE, 38 300 dam³

JAMES RIVER NEAR SUNDRE - STATION NO. 05CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.4588	1.548	7.80	7.85	2.47	1.28	2.48	5.35	---	---	1
2	---	---	0.4008	2.898	8.50	6.79	2.33	1.26	2.58	4.94	---	---	2
3	---	---	0.3508	2.588	12.2	5.95	2.14	1.80	2.86	5.72	---	---	3
4	---	---	0.3208	2.078	11.7	6.38	2.00	2.61	2.84	5.32	---	---	4
5	---	---	0.2908	1.818	9.71	5.02	1.89	2.18	2.96	5.07	---	---	5
6	---	---	0.2908	1.618	8.88	4.88	1.80	1.78	4.77	5.10	---	---	6
7	---	---	0.3008	1.818	8.32	4.67	1.73	1.61	4.88	5.07	---	---	7
8	---	---	0.3108	2.108	6.83	4.41	1.85	1.84	4.18	4.77	---	---	8
9	---	---	0.3508	2.708	4.71	5.02	1.67	2.52	4.32	4.21	---	---	9
10	---	---	0.3988	3.338	6.36	5.41	1.52	2.86	4.88	4.88	---	---	10
11	---	---	0.4308	3.728	3.82	5.18	1.43	3.07	5.62	4.82	---	---	11
12	---	---	0.4508	3.848	3.28	4.58	1.43	3.05	13.4	5.17	---	---	12
13	---	---	0.4908	4.588	3.10	4.30	1.52	4.84	88.7	4.78	---	---	13
14	---	---	0.5108	5.37	3.08	4.36	1.88	6.18	43.1	4.85	---	---	14
15	---	---	0.5408	4.25	3.16	4.02	1.81	3.84	27.4	4.88	---	---	15
16	---	---	0.5788	3.88	3.08	3.83	1.67	8.78	15.6	4.82	---	---	16
17	---	---	0.6108	3.48	3.04	3.38	1.78	8.82	15.8	4.86	---	---	17
18	---	---	0.6398	3.28	3.17	3.84	2.02	8.18	14.0	4.87	---	---	18
19	---	---	0.9838	3.13	3.30	3.87	1.82	4.28	12.8	4.36	---	---	19
20	---	---	1.35 B	3.04	3.15	3.87	1.85	3.87	11.8	4.30	---	---	20
21	---	---	1.55 B	1.78	2.95	3.08	1.84	4.43	10.8	4.38	---	---	21
22	---	---	1.40 B	1.78	3.02	3.25	1.43	8.44	9.95	4.22	---	---	22
23	---	---	1.18 B	1.81	2.72	3.36	1.88	8.30	9.14	4.088	---	---	23
24	---	---	1.48 B	2.24	2.77	3.25	1.81	4.28	9.08	3.898	---	---	24
25	---	---	1.12 B	2.31	4.64	3.43	1.43	3.88	8.94	3.838	---	---	25
26	---	---	0.8748	2.17	13.6	3.83	1.81	3.87	8.21	3.388	---	---	26
27	---	---	1.67 B	2.38	10.2	3.21	1.42	3.13	8.42	3.408	---	---	27
28	---	---	0.8978	3.38	8.05	2.98	1.34	2.80	7.46	3.938	---	---	28
29	---		1.43 B	4.88	8.11	2.75	1.89	2.84	8.83	3.908	---	---	29
30	---		1.48 B	5.85	11.0	3.83	1.88	2.78	8.89	3.888	---	---	30
31	---		1.31 B		8.38		1.40	2.69		3.898		---	31
TOTAL	---	---	34.383	87.88	183.48	128.18	53.81	109.81	383.84	141.88	---	---	TOTAL
MEAN	---	---	0.787	2.83	5.92	4.17	1.78	3.83	11.8	4.87	---	---	MEAN
MAX	---	---	1.88	5.85	13.8	7.88	2.47	8.78	88.7	5.35	---	---	MAX
MIN	---	---	0.288	1.48	2.72	2.83	1.34	1.38	2.48	3.38	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.40
MAXIMUM DAILY, 88.7 ON SEP 13
MINIMUM DAILY, 0.2908 ON MAR 5
MAXIMUM INSTANTANEOUS,
94.3 AT 08:10 MST ON SEP 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 55 37 N
LONG 114 41 04 W
DRAINAGE AREA, 821 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4 750
FEB	---	AUG	8 480
MAR	3 110	SEP	30 500
APR	7 800	OCT	13 300
MAY	15 900	NOV	---
JUN	10 800	DEC	---

TOTAL DISCHARGE, 93 100 dam³

JAYDOT RESERVOIR NEAR JAYDOT - STATION NO. 11AB093

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	920.181	---	---	---	---	---	---	---	1
2	---	---	---	920.226	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	919.842	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	919.486	---	---	---	5
6	---	---	---	---	920.151	920.048	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	919.576	---	---	---	---	7
8	---	---	919.480E	920.248E	920.140E	920.030E	919.781	919.565E	919.650E	920.041	---	---	8
9	---	---	---	920.250	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	919.456	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	920.108	---	---	---	920.051	---	---	---	16
17	---	---	---	920.246	---	---	919.787	---	---	---	---	---	17
18	---	---	919.460E	920.245E	920.080E	919.954	919.700E	919.530E	920.051E	920.081	---	---	18
19	---	---	---	---	---	---	---	919.529	---	---	---	---	19
20	---	---	920.098	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	920.051	---	---	---	25
26	---	---	920.168	---	---	---	---	---	---	---	---	---	26
27	---	919.483	920.174	---	---	---	---	---	---	---	---	---	27
28	---	919.483E	---	920.150E	---	919.875E	---	---	920.048E	---	---	---	28
29	---		920.180E	---	920.039	---	919.805E	919.518	---	920.036	---	---	29
30	---		---	920.182	---	919.885E	919.603	---	920.045E	---	---	---	30
31	---		920.190E		920.040E		919.800E	919.510E		920.030E	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 920.250 ON APR 9

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 10 32 N
LONG 110 00 52 W

E - ESTIMATED

REGULATED

DRAINAGE AREA, 19.7 km²

JOHNSTON CREEK NEAR THE MOUTH - STATION NO. 05BA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.670E	5.59	5.80	1.46	1.61	1.44	0.9219	---	1
2	---	---	---	---	0.488A	5.10	5.09	1.47	1.53	1.41	---	---	2
3	---	---	---	---	0.840	5.05	4.83	1.82	1.54	1.37	---	---	3
4	---	---	---	---	0.704	5.38	4.63	1.67	1.62	1.33 A	---	---	4
5	---	---	---	---	0.882	5.53	4.86	1.56	1.84	1.38	---	---	5
6	---	---	---	---	0.852A	4.53	4.14	1.58	1.76	1.26	---	---	6
7	---	---	---	---	0.678	4.92	3.56	1.53	1.67	1.21	---	---	7
8	---	---	---	---	0.673	5.61	3.61	1.52	1.64	1.21	---	---	8
9	---	---	---	---	0.711	4.41	3.43	1.48	1.70	1.20	---	---	9
10	---	---	---	---	0.678	3.75	3.43	1.51	1.61	1.25	---	---	10
11	---	---	---	---	0.849	3.63	3.18	1.48	1.99	1.14	---	---	11
12	---	---	---	---	0.613	5.14	2.80	1.63	3.63	1.10	---	---	12
13	---	---	---	---	0.632A	5.94	2.65	1.57	4.99	1.09	---	---	13
14	---	---	---	---	0.773	5.46	2.31	1.53	4.20	1.08	---	---	14
15	---	---	---	---	0.831	4.78	2.12	2.44	3.57	1.14	---	---	15
16	---	---	---	---	1.89	4.08	2.10	2.37	3.20	1.15	---	---	16
17	---	---	---	---	3.36	4.39	2.36	2.45	3.75	1.07	---	---	17
18	---	---	---	---	5.65	6.49	2.10	2.36	2.50	1.05	---	---	18
19	---	---	---	---	8.83	6.83	1.91	2.14	2.31	1.08	---	---	19
20	---	---	---	---	7.48	7.35	1.84	2.02	2.16	1.07	---	---	20
21	---	---	---	---	7.57	5.13	1.84	2.84	2.03	1.02	---	---	21
22	---	---	---	---	7.98	4.08	1.65	2.08	1.91	1.02	---	---	22
23	---	---	---	---	8.39	3.56	1.85	2.48	1.80	0.981	---	---	23
24	---	---	---	---	10.4	3.08	1.63	2.31	1.76	0.975	---	---	24
25	---	---	---	---	13.3	3.68	1.73	2.12	1.89	0.979	---	---	25
26	---	---	---	---	7.58	2.78	1.88	1.85	1.85	0.9878	---	---	26
27	---	---	---	---	5.25	3.39	1.59	1.80	1.69	1.00 B	---	---	27
28	---	---	---	---	4.75	4.28	1.54	1.75	1.60	0.8808	---	---	28
29	---		---	---	4.62	5.67	1.51	1.69	1.60	0.8708	---	---	29
30	---		---	---	5.58	7.70	1.48	1.74	1.65	0.8908	---	---	30
31	---		---		5.78		1.49	1.73		0.9108		---	31
TOTAL	---	---	---	---	119.391	145.53	84.89	68.43	84.81	34.835	---	---	TOTAL
MEAN	---	---	---	---	3.95	4.84	2.73	1.60	2.18	1.11	---	---	MEAN
MAX	---	---	---	---	13.3	7.70	5.80	2.84	4.99	1.44	---	---	MAX
MIN	---	---	---	---	0.670	3.08	1.48	1.46	1.46	0.870	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.74
MAXIMUM DAILY, 13.3 ON MAY 25
MINIMUM DAILY, 0.670E ON MAY 1
MAXIMUM INSTANTANEOUS,
15.5 AT 00:30 MST ON MAY 25

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 40 N
LONG 115 00 30 W
DRAINAGE AREA, 124 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL 7 310	
FEB	---	AUG 6 050	
MAR	---	SEP 5 500	
APR	---	OCT 2 930	
MAY 10 100		NOV	---
JUN 12 800		DEC	---

TOTAL DISCHARGE, 43 800 dam³

JOSLYN CREEK NEAR FORT MACKAY - STATION NO. 07DA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0208	0.0678	7.11	1.13	0.123	0.158	0.185	0.282	0.1838	---	1
2	---	---	0.0208	0.0988	5.83	1.14	0.102	0.141	0.162	0.274	0.1898	---	2
3	---	---	0.0208	0.0838	7.01	1.00	0.080	0.147	0.133	0.267	---	---	3
4	---	---	0.0208	0.0718	10.7	0.846	0.082	0.108	0.132	0.285	---	---	4
5	---	---	0.0218	0.0788	22.5 E	0.763	0.072	0.087	0.102	0.278	---	---	5
6	---	---	0.0218	0.0888	40.0 E	0.619	0.062	0.087	0.141	0.283	---	---	6
7	---	---	0.0218	0.0908	27.3 E	0.588	0.050	0.082	0.130	0.285	---	---	7
8	---	---	0.0228	0.0858	16.0	0.500	0.050	0.048	0.128	0.300	---	---	8
9	---	---	0.0238	0.1108	12.2	0.508	0.044	0.033	0.133	0.297	---	---	9
10	---	---	0.0228	0.1308	10.1	0.511	0.062	0.030	0.116	0.273	---	---	10
11	---	---	0.0238	0.1608	8.58	0.448	0.033	0.034	0.121	0.276	---	---	11
12	---	---	0.0238	0.1808	7.36	0.384A	0.020	0.038	0.111	0.231	---	---	12
13	---	---	0.0238	0.2108	6.18	0.339E	0.034	0.031	0.112	0.295	---	---	13
14	---	---	0.0248	0.2708	5.33	0.247A	0.038	0.028	0.130	0.271	---	---	14
15	---	---	0.0248	0.4108	4.82	0.226	0.025	0.033	0.130	0.293	---	---	15
16	---	---	0.0248	0.4808	4.16	0.209	0.031	0.020	0.140	0.343	---	---	16
17	---	---	0.0248	0.4008	3.72	0.181	0.028	0.033	0.143	0.427	---	---	17
18	---	---	0.0278	0.3308	3.30	0.168	0.035	0.031	0.339	0.340	---	---	18
19	---	---	0.0278	0.2308	2.77	0.175	0.035	0.033	0.801	0.309	---	---	19
20	---	---	0.0278	0.2108	2.35	0.187	0.011	0.052	0.498	0.383	---	---	20
21	---	---	0.0308	0.1908	2.07	0.158	0.008	0.045	0.423	0.252	---	---	21
22	---	---	0.0308	0.1708	1.82	0.153	0.012	0.032	0.420	0.339	---	---	22
23	---	---	0.0328	0.1458	1.60	0.145	0.007	0.025	0.413	0.305	---	---	23
24	---	---	0.0348	0.1508	1.41	0.137	0.005	0.025	0.404	0.349	---	---	24
25	---	---	0.0348	0.2308	1.27	0.156	0.003	0.036	0.399	0.3008	---	---	25
26	---	---	0.0378	1.55 B	1.14	0.176	0.062	0.038	0.367	0.3588	---	---	26
27	---	---	0.0408	5.85	1.07	0.185	0.085	0.047	0.330	0.2908	---	---	27
28	---	---	0.0428	10.3	0.985	0.158	0.084	0.181	0.325	0.2758	---	---	28
29	---		0.0448	11.7	1.01	0.165	0.215	0.188	0.334	0.2158	---	---	29
30	---		0.0488	8.17	1.07	0.133	0.255	0.185	0.328	0.3058	---	---	30
31	---		0.0508		1.07		0.224	0.195		0.2008			31
TOTAL	---	---	0.878	43.185	222.935	11.685	1.878	2.328	7.277	9.178	---	---	TOTAL
MEAN	---	---	0.028	1.44	7.19	0.384	0.061	0.072	0.243	0.288	---	---	MEAN
MAX	---	---	0.050	11.7	40.0	1.14	0.358	0.195	0.501	0.427	---	---	MAX
MIN	---	---	0.020	0.067	0.985	0.133	0.003	0.025	0.111	0.200	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.22
MAXIMUM DAILY, 40.0E ON MAY 8
MINIMUM DAILY, 0.003 ON JUL 26

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 10 27 N
LONG 111 44 30 W
DRAINAGE AREA, 257 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	182
FEB	---	AUG	182
MAR	75.7	SEP	639
APR	3 730	OCT	792
MAY	19 300	NOV	---
JUN	1 030	DEC	---

TOTAL DISCHARGE, 25 900 dam³

JUMPINGPOUND CREEK NEAR COX HILL - STATION NO. 05BH013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.368	1.02	0.231	0.084	0.387	0.395	---	---	1
2	---	---	---	---	0.595	1.06	0.218	0.089	0.389	0.373	---	---	2
3	---	---	---	---	0.880	1.03	0.203	0.084	0.368	0.367	---	---	3
4	---	---	---	---	0.620	0.988	0.191	0.089	0.335	0.324	---	---	4
5	---	---	---	---	0.885	0.885	0.186	0.084	0.371	0.313	---	---	5
6	---	---	---	---	0.883	0.807	0.178	0.081	0.381	0.313	---	---	6
7	---	---	---	---	0.874	0.780	0.173	0.078	0.321	0.274	---	---	7
8	---	---	---	---	0.888	0.741	0.188	0.104	0.315	0.249	---	---	8
9	---	---	---	---	0.889	0.873	0.184	0.088	0.325	0.2458	---	---	9
10	---	---	---	---	0.838	0.863	0.188	0.110	0.403	0.2438	---	---	10
11	---	---	---	---	0.478	0.891	0.148	0.114	0.888	0.2488	---	---	11
12	---	---	---	---	0.488	0.868	0.185	0.188	3.80	0.2478	---	---	12
13	---	---	---	---	0.475	0.832	0.174	0.148	8.28	0.2438	---	---	13
14	---	---	---	---	0.488	0.887	0.187	0.128	3.49	0.2458	---	---	14
15	---	---	---	---	0.518	0.851	0.188	0.383	2.38	0.2628	---	---	15
16	---	---	---	---	0.885	0.824	0.180	0.850	1.81	0.2738	---	---	16
17	---	---	---	---	0.833	0.388	0.227	0.788	1.47	0.2848	---	---	17
18	---	---	---	---	0.758	0.384	0.178	0.844	1.31	0.3028	---	---	18
19	---	---	---	---	0.618	0.388	0.187	0.813	1.02	0.3378	---	---	19
20	---	---	---	---	0.898	0.438	0.148	0.732	0.898	0.3488	---	---	20
21	---	---	---	---	0.781	0.380	0.180	0.781	0.818	0.3458	---	---	21
22	---	---	---	---	0.727	0.353	0.188	1.01	0.787	0.3428	---	---	22
23	---	---	---	---	0.684	0.338	0.181	0.881	0.687	0.3388	---	---	23
24	---	---	---	0.0888A	0.730	0.321	0.148	0.881	0.638	0.3278	---	---	24
25	---	---	---	0.301	1.04	0.318	0.138	0.773	0.585	0.3308	---	---	25
26	---	---	---	0.178	1.22	0.288	0.118	0.887	0.542	0.3188	---	---	26
27	---	---	---	0.088	1.18	0.278	0.117	0.881	0.488	0.3168	---	---	27
28	---	---	---	0.128	1.14	0.288	0.112	0.883	0.428	0.3048	---	---	28
29	---		---	0.178	1.11	0.283	0.111	0.823	0.428	0.2838	---	---	29
30	---		---	0.338	1.08	0.344	0.106	0.438	0.413	0.2708	---	---	30
31	---		---		1.05		0.088	0.438		0.2888		---	31
TOTAL	---	---	---	---	22.847	18.318	4.882	13.278	22.514	8.288	---	---	TOTAL
MEAN	---	---	---	---	0.737	0.844	0.158	0.428	1.08	0.288	---	---	MEAN
MAX	---	---	---	---	1.22	1.08	0.231	1.01	8.28	0.395	---	---	MAX
MIN	---	---	---	---	0.368	0.244	0.088	0.078	0.315	0.242	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.838
MAXIMUM DAILY, 8.28 ON SEP 13
MINIMUM DAILY, 0.078 ON AUG 7
MAXIMUM INSTANTANEOUS,
8.48 AT 22:48 MST ON SEP 12

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 09 N
LONG 114 56 14 W
DRAINAGE AREA, 38.0 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	433
FEB	---	AUG	1 150
MAR	---	SEP	2 810
APR	---	OCT	803
MAY	1 870	NOV	---
JUN	1 410	DEC	---

TOTAL DISCHARGE, 8 870 dam³

JUMPINGPOUND CREEK NEAR THE MOUTH - STATION NO. 05BN009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 B	0.0078	0.0108	1.02 B	1.48	3.25	0.748	0.186	0.746	1.71	0.6808	0.4838	1
2	0 B	0.0038	0.0088	0.9908	1.70	3.32	0.672	0.150	0.869	1.55	0.6788	0.5068	2
3	0 B	0.0018	0.0078	0.9208	2.26	3.20	0.615	0.165	0.827	1.43	0.6788	0.5188	3
4	0 B	0 B	0.0068	0.9908	2.57	3.04	0.568	0.129	0.820	1.33	0.6858	0.5258	4
5	0 B	0 B	0.0058	1.15 B	2.27	2.90	0.512	0.125	0.847	1.31	0.6468	0.5208	5
6	0 B	0 B	0.0058	1.42 B	1.89	2.73	0.471	0.109	1.03	1.31	0.6308	0.5208	6
7	0 B	0 B	0.0058	1.59 B	1.62	2.53	0.424	0.104	1.20	1.31	0.6158	0.5258	7
8	0 B	0 B	0.0078	1.52 B	1.53	2.47	0.397	0.109	1.03	1.31	0.6028	0.5188	8
9	0 B	0 B	0.0098	1.48 B	1.45	2.50	0.373	0.164	0.929	1.29 B	0.5958	0.5088	9
10	0 B	0 B	0.0138	1.22 B	1.40	2.40	0.328	0.186	0.961	1.29 B	0.5908	0.5008	10
11	0 B	0 B	0.0198	1.01 B	1.38	2.26	0.288	0.217	1.06	1.31	0.5958	0.4938	11
12	0 B	0 B	0.0268	0.8588	1.32	2.01	0.288	0.261	3.99	1.24	0.6068	0.4908	12
13	0 B	0 B	0.0428	0.5618	1.21	1.82	0.311	0.324	25.0	1.28	0.6128	0.4858	13
14	0 B	0.0018	0.1158	0.4048	1.23	1.66	0.338	0.342	17.3	1.32	0.6158	0.5008	14
15	0 B	0.0028	0.2108	0.6488	1.26	1.48	0.295	0.573	11.9	1.32	0.6108	0.5088	15
16	0 B	0.0028	0.2548	0.6758	1.26	1.30	0.308	1.57	8.60	1.27	0.5958	0.5158	16
17	0 B	0.0038	0.2608	0.6758	1.30	1.18	0.356	1.63	6.94	1.42	0.5758	0.5238	17
18	0 B	0.0048	0.2558	0.7048	1.36	1.12	0.418	1.57	5.85	1.44	0.5608	0.5308	18
19	0 B	0.0048	0.2558	0.6288	1.48	1.02	0.600	1.45	5.13	1.42	0.5458	0.5418	19
20	0 B	0.0088	0.2658	0.7728	1.50	1.14	0.371	1.36	4.60	1.36	0.5268	0.5508	20
21	0.0378	0.0068	0.3128	0.8308	1.61	1.41	0.319	1.56	4.03	1.35	0.5108	0.5558	21
22	0.0388	0.0088	0.2658	0.7808	1.55	1.38	0.286	2.26	3.64	1.35	0.5038	0.5608	22
23	0.0408	0.0098	0.2408	0.620	1.52	1.20	0.434	2.54	3.38	1.32	0.4908	0.5608	23
24	0.0388	0.0108	0.1958	0.608	1.57	1.08	0.388	2.11	3.11	1.23 B	0.4808	0.5458	24
25	0.0368	0.0118	0.1858	0.620	2.04	1.02	0.308	1.71	2.91	1.15 B	0.4688	0.5108	25
26	0.0348	0.0128	0.1008	0.618	3.39	0.957	0.268	1.46	2.83	0.9858	0.4608	0.4908	26
27	0.0308	0.0138	0.1088	0.584	3.77	0.878	0.218	1.24	2.37	0.8638	0.4608	0.4858	27
28	0.0288	0.0138	0.2858	0.642	3.57	0.817	0.213	1.09	2.18	0.9248	0.4658	0.3508	28
29	0.0268		0.4158	1.75	3.39	0.833	0.192	1.04	2.02	0.8708	0.4758	0.2958	29
30	0.0148		0.5308	1.81	3.22	0.802	0.165	0.979	1.86	0.7808	0.4828	0.2608	30
31	0.0108		0.9808		2.97		0.177	0.822		0.6468		0.2308	31
TOTAL	0.325	0.115	8.704	28.351	60.20	53.887	11.413	27.887	127.181	38.615	16.982	15.026	TOTAL
MEAN	0.010	0.004	0.184	0.945	1.94	1.79	0.368	0.892	4.24	1.25	0.568	0.485	MEAN
MAX	0.040	0.013	0.980	1.75	3.77	3.32	0.744	2.54	25.0	1.71	0.675	0.580	MAX
MIN	0	0	0.005	0.604	1.21	0.802	0.177	0.184	0.820	0.644	0.490	0.230	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 25.0 ON SEP 13
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
29.4 AT 13:51 MST ON SEP 13

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 09 18 N
LONG 114 31 42 W
DRAINAGE AREA, 671 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38 1	JUL	986
FEB	9 94	AUG	2 380
MAR	493	SEP	11 000
APR	2 450	OCT	3 350
MAY	5 200	NOV	1 470
JUN	4 640	DEC	1 300

TOTAL DISCHARGE, 33 300 dam³

KAKWA RIVER NEAR GRANDE PRAIRIE - STATION NO. 07GB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	4.138	4.778	12.1	138 E	106	22.9	18.3	43.0E	---	---	1
2	---	---	4.258	6.498	17.0	130 A	95.7	22.5	17.9	39.0E	---	---	2
3	---	---	3.948	6.888	27.7	135 A	87.8	22.6	19.4	37.0E	---	---	3
4	---	---	3.458	7.628	38.1	141 A	84.4	24.5	21.9A	35.0E	---	---	4
5	---	---	3.408	7.518	36.2	139	81.4	27.5	24.1A	34.0E	---	---	5
6	---	---	3.858	8.308	35.4	128	78.3	24.9	30.5A	33.0E	---	---	6
7	---	---	4.008	8.268	34.6	119	97.6	23.2	27.7A	32.0E	---	---	7
8	---	---	4.058	7.098	37.0	107	82.8	25.0	26.0A	30.0E	---	---	8
9	---	---	3.908	10.6 B	39.6	94.5	80.9	26.5	25.0	29.0E	---	---	9
10	---	---	3.758	12.3 B	42.4	82.4	89.3	25.1	27.4	30.0E	---	---	10
11	---	---	3.708	13.8 B	41.5	73.1	87.1	22.8	29.7	31.0E	---	---	11
12	---	---	3.888	15.0 B	38.2	73.6	83.5	22.6	35.8	33.0E	---	---	12
13	---	---	3.858	15.9 B	36.7	84.8	80.6	24.7	100	35.0E	---	---	13
14	---	---	3.838	20.2 B	37.6	83.4	85.2	24.2	122	38.0E	---	---	14
15	---	---	3.818	21.7 B	40.5	89.2	82.0	29.5	93.2	44.0E	---	---	15
16	---	---	3.838	22.0 B	44.7	84.8	80.9	40.0	77.8	45.0E	---	---	16
17	---	---	3.588	21.2	89.2	70.1	80.2	33.2	65.0	42.0E	---	---	17
18	---	---	4.008	18.2	91.1	64.8	86.0	28.2	68.3	38.5E	---	---	18
19	---	---	4.908	16.9	119	78.7	80.2	25.7	77.8	34.0E	---	---	19
20	---	---	5.408	14.7	136	85.8	86.3	25.8	76.0	35.0E	---	---	20
21	---	---	5.508	13.6	139	78.3	84.3	30.2	72.1	35.5E	---	---	21
22	---	---	5.708	14.2	134	72.6	84.1	27.0	75.6	32.5E	---	---	22
23	---	---	4.458	13.1	128 A	68.5	82.7	24.0	69.6	29.0E	---	---	23
24	---	---	4.508	12.3	125 A	66.0	82.3	22.1	66.6A	27.0E	---	---	24
25	---	---	4.258	12.0	128 A	132	81.1	20.8	62.0E	25.0E	---	---	25
26	---	3.108	3.888	11.8	125 A	118	28.4	20.0	65.0E	24.0E	---	---	26
27	---	3.258	3.438	12.4	128 A	113	27.8	19.1	67.0E	23.0E	---	---	27
28	---	3.698	2.008	13.2	130 A	106	28.4	18.0	60.0E	23.0E	---	---	28
29	---		2.838	11.9	129 A	108	24.9	17.4	53.0E	20.0E	---	---	29
30	---		3.158	11.4	131 A	118	23.8	17.2	49.0E	20.0E	---	---	30
31	---		3.208		135 E		23.2	17.0		19.0E	---	---	31
TOTAL	---	---	124.82	384.39	2 584.1	3 003.2	1 838.7	787.0	1 859.2	995.3	---	---	TOTAL
MEAN	---	---	4.02	12.8	82.7	100	49.8	24.4	85.3	32.1	---	---	MEAN
MAX	---	---	5.80	22.0	188	141	106	40.0	122	45.0	---	---	MAX
MIN	---	---	2.83	4.77	12.1	64.8	23.2	17.0	17.8	19.0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 49.0
MAXIMUM DAILY, 188A ON MAY 25
MINIMUM DAILY, 2.83B ON MAR 29
MAXIMUM INSTANTANEOUS,
180 AT 10:30 MST ON MAY 27

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 32 30 N
LONG 118 38 40 W
DRAINAGE AREA, 2 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	123 000
FEB	---	AUG	65 400
MAR	10 600	SEP	143 000
APR	33 200	OCT	59 100
MAY	222 000	NOV	---
JUN	259 000	DEC	---

TOTAL DISCHARGE, 853 000 dam³

KANANASKIS RIVER ABOVE POCATERRA CREEK - STATION NO. 05BF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.2	10.1	12.6	13.1	0.049	0.051	0.048	6.06	0.042	0.047	3.95	1.35	1
2	11.7	12.4	12.3	11.5	0.050	0.051	4.22	5.53	0.043	0.046	0.054	5.03	2
3	11.2	12.5	12.5	11.0	0.050	5.33	1.58	2.55	1.40	0.046	0.053	9.09	3
4	11.6	14.0	14.5	11.4	0.051	0.050	0.574	4.26	0.044	0.046	3.08	11.8	4
5	11.3	13.7	13.3	4.77	0.049	0.049	2.84	5.48	2.76	0.048	5.54	13.9	5
6	9.76	13.6	13.2	4.36	2.67	0.050	0.048	11.0	10.9	0.047	5.35	14.1	6
7	12.6	14.6	13.3	4.40	0.049	0.051	0.048	5.81	5.16	1.85	5.76	7.26	7
8	12.9	14.4	13.5	3.35	0.050	0.054	3.02	10.0	5.57	0.048	5.46	4.12	8
9	11.9	14.5	8.30	4.22	0.049	1.67	2.05	10.2	0.048	0.048	0.057	14.1	9
10	11.1	14.5	8.41	4.21	0.049	3.02	2.49	10.1	0.045	0.046	0.053	14.0	10
11	11.1	14.5	12.4	3.08	0.049	0.051	2.83	9.83	0.045	0.046	0.052	14.2	11
12	8.87	13.2	13.0	0.041	0.049	0.051	0.049	9.85	0.048	0.048	5.81	15.9	12
13	9.08	11.1	13.6	0.044	3.01	0.050	0.048	13.6	0.052	0.048	6.51	13.3	13
14	12.3	12.4	11.4	0.035	0.048	0.049	0.048	8.14	0.048	1.88	3.95	4.86	14
15	12.4	12.5	13.3	1.99	0.048	0.049	3.23	9.82	0.048	0.048	3.77	4.31	15
16	13.1	12.7	13.1	0.040	1.23	0.049	0.049	0.048	0.048	0.048	2.32	13.7	16
17	13.0	13.5	11.8	1.40	0.048	2.15	0.048	0.048	0.080	0.048	2.53	5.26	17
18	12.6	14.9	6.26	0.043	0.048	0.049	0.048	0.044	0.047	0.047	2.92	4.06	18
19	11.1	11.3	7.25	0.043	0.048	4.71	0.048	0.044	0.048	0.047	3.98	9.05	19
20	9.84	11.3	12.5	0.039	0.048	2.84	0.048	0.044	0.048	0.047	3.78	15.9	20
21	12.6	13.3	14.0	0.037	5.74	5.82	0.048	0.048	0.047	1.78	3.75	4.81	21
22	12.6	12.6	12.8	1.87	0.049	0.050	18.2	0.048	0.047	0.047	5.39	5.48	22
23	12.7	11.3	13.0	0.036	0.048	0.049	26.8	0.044	0.047	0.047	4.96	13.9	23
24	13.0	11.7	11.6	0.038	0.048	3.38	26.8	0.043	0.048	0.047	7.82	14.3	24
25	8.91	13.0	12.9	0.037	0.050	0.048	24.4	0.044	2.31	0.048	8.40	4.20	25
26	13.9	13.3	12.6	0.038	0.050	9.30	16.6	0.043	0.047	0.048	8.49	5.77	26
27	13.8	13.0	8.19	0.037	5.53	13.9	17.2	0.042	1.96	0.049	12.9	14.3	27
28	14.1	13.1	13.9	0.045	0.050	11.4	18.7	0.041	0.046	0.049	13.6	8.58	28
29	13.0		13.8	3.11	0.050	0.053	15.0	1.40	0.045	0.050	14.1	8.85	29
30	12.4		12.7	0.047	0.051	0.049	12.2	0.042	1.52	0.050	3.05	14.1	30
31	14.3		13.0		0.051		11.3	0.042		0.050		15.8	31
TOTAL	386.86	366.6	376.71	84.985	19.680	84.883	208.112	138.395	32.835	6.634	153.019	306.22	TOTAL
MEAN	11.9	13.1	12.1	3.83	0.634	2.16	6.71	4.14	1.09	0.214	5.10	9.84	MEAN
MAX	14.3	16.1	14.5	15.1	5.74	13.9	26.8	13.6	10.9	1.88	14.1	15.9	MAX
MIN	9.06	11.1	8.26	0.036	0.048	0.048	0.048	0.041	0.042	0.046	0.052	1.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.80
MAXIMUM DAILY, 26.8 ON JUL 23
MINIMUM DAILY, 0.036 ON APR 25

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 42 00 N
LONG 115 07 05 W
DRAINAGE AREA, 352 km²

REGULATED SINCE 1932

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 900	JUL	18 000
FEB	31 700	AUG	11 100
MAR	33 600	SEP	3 820
APR	7 340	OCT	572
MAY	1 700	NOV	13 200
JUN	5 590	DEC	26 500

TOTAL DISCHARGE, 183 000 dam³

KANANASKIS RIVER BELOW BARRIER DAM - STATION NO. 05BF025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.6	17.6	16.9	17.5	15.1	11.5	5.33	10.6	6.64	11.8	9.63	3.11	1
2	12.7	16.0	16.0	16.6	14.4	13.0	6.24	11.7	6.64	11.3	4.36	13.2	2
3	12.9	13.3	16.8	16.1	14.6	17.7	7.39	6.32	6.87	9.02	4.48	10.6	3
4	12.8	16.2	16.0	16.3	13.1	13.8	3.35	7.36	14.6	6.27	6.79	14.6	4
5	13.6	16.6	17.6	16.1	8.14	8.16	5.79	10.2	14.1	0.832	11.6	13.6	5
6	10.6	16.0	17.6	20.0	11.0	8.26	6.69	15.7	13.6	0.841	6.50	14.1	6
7	14.1	15.6	17.0	14.2	8.76	8.07	6.72	12.0	8.76	7.65	11.8	15.3	7
8	13.4	16.0	14.5	14.2	8.30	8.76	7.30	15.6	8.26	7.56	12.0	13.0	8
9	12.8	12.6	10.3	15.4	11.0	7.80	8.72	16.6	0.429	8.70	4.61	14.6	9
10	12.7	12.3	10.4	8.76	16.9	17.9	8.82	16.3	0.460	12.0	4.37	14.4	10
11	13.6	16.7	16.1	8.16	8.84	16.2	6.67	16.2	1.61	10.1	3.10	15.6	11
12	13.1	16.9	16.4	8.47	0.204	14.0	6.13	16.4	1.02	8.89	10.6	16.3	12
13	13.8	17.7	17.6	10.3	11.4	11.7	19.5	21.6	2.00	8.02	8.28	20.2	13
14	15.8	16.2	16.7	8.16	8.04	6.86	17.2	16.0	14.2	8.17	8.66	17.4	14
15	16.6	17.6	16.6	13.0	8.86	8.85	16.5	17.6	16.1	8.98	8.80	11.0	15
16	15.2	16.6	13.6	12.3	9.80	8.48	26.2	6.47	20.1	8.82	3.16	17.6	16
17	14.7	16.6	14.6	13.1	3.94	8.96	21.6	0.267	11.6	5.78	3.63	13.0	17
18	15.7	31.0	15.8	11.7	12.9	8.80	31.4	0.252	9.71	3.80	5.81	8.85	18
19	14.7	8.86	16.6	11.6	13.6	10.8	30.8	0.283	12.6	3.06	5.43	12.8	19
20	13.3	13.6	16.6	11.1	16.4	9.33	30.3	2.63	11.3	0.401	6.10	16.6	20
21	16.6	17.6	16.1	11.6	12.3	11.3	28.6	3.09	10.1	5.86	7.94	9.14	21
22	16.2	17.6	11.7	16.4	17.6	11.7	19.6	0.287	10.6	5.86	8.89	11.8	22
23	16.6	16.6	12.1	16.4	17.6	11.6	30.3	0.316	8.76	6.13	7.07	16.4	23
24	16.2	16.6	14.7	14.9	16.6	3.86	23.7	0.332	11.4	7.38	7.86	17.7	24
25	16.6	17.2	16.2	14.7	13.6	17.4	22.6	0.336	12.7	7.46	7.76	9.02	25
26	16.6	17.2	16.6	16.6	16.2	23.6	17.1	3.39	12.6	4.32	8.93	8.84	26
27	16.1	16.6	16.1	16.7	23.6	26.2	24.6	3.13	12.6	0.486	8.68	17.6	27
28	16.1	16.2	16.6	16.7	23.7	26.6	26.2	2.66	10.2	8.82	8.21	12.6	28
29	16.4		17.7	16.6	26.2	14.6	16.2	2.77	8.869	7.76	11.6	12.6	29
30	16.6		16.6	8.82	26.1	8.82	16.6	3.66	11.6	7.47	3.66	16.1	30
31	16.6		16.1		11.7		12.6	6.66		7.98		16.2	31
TOTAL	486.9	447.36	483.6	406.73	403.164	389.16	498.66	257.737	287.066	203.173	236.31	437.06	TOTAL
MEAN	14.6	16.0	15.6	13.6	13.0	13.3	16.6	8.31	9.57	6.56	7.64	14.1	MEAN
MAX	16.7	31.6	16.6	20.6	23.7	26.2	31.4	31.6	20.1	12.6	12.6	20.2	MAX
MIN	10.6	8.86	10.3	8.82	0.204	3.86	3.36	0.252	0.436	0.401	3.10	3.11	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.2
MAXIMUM DAILY, 31.6 ON JUL 18
MINIMUM DAILY, 0.204 ON MAY 12

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 02 30 N
LONG 115 01 55 W
DRAINAGE AREA, 889 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 600	JUL	42 900
FEB	36 700	AUG	23 300
MAR	42 700	SEP	24 000
APR	35 100	OCT	17 000
MAY	34 600	NOV	19 000
JUN	31 900	DEC	37 600

TOTAL DISCHARGE, 385 000 dam³

KEG RIVER AT HIGHWAY NO. 35 - STATION NO. 07HF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0158	1.618	5.928	1.51	1.43	0.481	0.100E	1.81	0.824A	---	1
2	---	---	0.0128	2.858	8.498	1.47	1.23	0.380	0.130E	1.85	---	---	2
3	---	---	0.0108	1.938	13.8 B	1.35	0.978	0.280	0.240E	1.85	---	---	3
4	---	---	0.0088	1.618	24.1 B	1.22	0.782	0.223	0.270E	1.47	---	---	4
5	---	---	0.0088	2.308	27.6	1.13	0.636	0.208	0.310E	1.47	---	---	5
6	---	---	0.0058	2.008	27.1	1.03	0.538	0.182	0.330E	1.47	---	---	6
7	---	---	0.0088	1.808	22.4	0.996	0.432	0.161	0.300E	1.57	---	---	7
8	---	---	0.0138	1.308	20.2	1.84	0.377	0.123	0.270E	1.68	---	---	8
9	---	---	0.0188	1.308	18.2	1.85	0.318	0.120A	0.240E	1.58	---	---	9
10	---	---	0.0208	1.608	16.5	1.48	0.272	0.103E	0.230E	1.33	---	---	10
11	---	---	0.0508	1.458	14.3	1.30	0.238	0.090E	0.240E	1.33.	---	---	11
12	---	---	0.1008	1.388	12.1	1.20	0.219	0.080E	0.260E	1.69	---	---	12
13	---	---	0.1608	2.308	9.96	1.04	0.219	0.085E	0.280E	1.74	---	---	13
14	---	---	0.2308	3.208	8.62	0.926	0.189	0.080E	0.340E	1.68	---	---	14
15	---	---	0.2808	4.008	7.84	0.854	0.181	0.090A	0.480E	1.57	---	---	15
16	---	---	0.3008	5.708	6.74	0.905	0.182	0.245	0.778A	1.53	---	---	16
17	---	---	0.3408	4.988	5.87	0.826	0.193	0.707	1.30	1.68	---	---	17
18	---	---	0.3808	4.618	5.65	0.881	0.182	0.780	2.13	1.42	---	---	18
19	---	---	0.4408	4.388	5.03	0.911	0.162	0.647A	1.70	1.30	---	---	19
20	---	---	0.5008	5.088	4.64	0.785	0.131	0.380E	1.53	1.44	---	---	20
21	---	---	0.4508	5.378	4.12	0.716	0.124	0.280E	1.39	1.31	---	---	21
22	---	---	0.3808	4.678	3.73	0.632	0.107	0.200E	1.37	1.42	---	---	22
23	---	---	0.3308	4.468	3.38	0.771	0.107	0.100E	1.84	1.33	---	---	23
24	---	---	0.3108	4.518	2.92	0.850	0.340	0.080E	1.78	1.33 B	---	---	24
25	---	0.0158	0.5038	4.708	2.53	0.683	0.492	0.085E	1.80	1.04	---	---	25
26	---	0.0158	0.6178	5.028	2.45	0.840	0.433	0.180E	1.86	0.884	---	---	26
27	---	0.0158	0.3208	4.228	3.18A	0.731	0.283	0.260E	2.01	0.983	---	---	27
28	---	0.0158	0.2008	5.478	2.06	0.846	0.284	0.220E	2.42	0.905	---	---	28
29	---	---	0.1508	5.078	1.95	0.774	0.287	0.188E	2.21	0.884	---	---	29
30	---	---	0.2008	5.088	1.88	0.755	0.783	0.140E	2.01	0.852	---	---	30
31	---	---	0.5008		1.75		0.804	0.120E		0.847		---	31
TOTAL	---	---	8.852	107.93	293.79	31.084	14.054	7.013	29.598	43.044	---	---	TOTAL
MEAN	---	---	0.221	3.60	9.48	1.04	0.453	0.227	0.987	1.39	---	---	MEAN
MAX	---	---	0.617	5.47	27.6	1.84	1.43	0.780	2.42	1.81	---	---	MAX
MIN	---	---	0.005	1.30	1.75	0.632	0.121	0.080	0.100	0.847	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.17
MAXIMUM DAILY, 27.6 ON MAY 5
MINIMUM DAILY, 0.0058 ON MAR 6
MAXIMUM INSTANTANEOUS,
28.1 AT 03:00 MST ON MAY 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 44 40 N
LONG 117 37 20 W
DRAINAGE AREA, 887 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 210
FEB	---	AUG	600
MAR	883	SEP	2 590
APR	3 320	OCT	3 630
MAY	25 400	NOV	---
JUN	2 690	DEC	---

TOTAL DISCHARGE, 40 000 dam³

KENNEDY COULEE NEAR ACADIA VALLEY - STATION NO. 05CK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	7.00 B	0	0	0	0	0	0	---	---	1
2	---	---	0 B	9.80 B	0	0	0	0	0	0	---	---	2
3	---	---	0 B	4.00 E	0	0	0	0	0	0	---	---	3
4	---	---	0 B	1.80 E	0	0	0	0	0	0	---	---	4
5	---	---	0 B	1.10	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.902	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.748	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.410	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.310	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.404	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.314	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.230	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.165	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.114	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.076	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.050	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.034	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.018	0	0	0	0	0	0	---	---	18
19	---	---	0.0048	0.002	0	0	0	0	0	0	---	---	19
20	---	---	0.0028	0	0	0	0	0	0	0	---	---	20
21	---	---	0.0018	0	0	0	0	0	0	0	---	---	21
22	---	---	0.0048	0	0	0	0	0	0	0	---	---	22
23	---	---	0.0208	0	0	0	0	0	0	0	---	---	23
24	---	---	0.0408	0	0	0	0	0	0	0	---	---	24
25	---	---	0.0308	0	0	0	0	0	0	0	---	---	25
26	---	---	0.1508	0	0	0	0	0	0	0	---	---	26
27	---	---	0.3008	0	0	0	0	0	0	0	---	---	27
28	---	---	1.31 B	0	0	0	0	0	0	0	---	---	28
29	---		2.00 B	0	0	0	0	0	0	0	---	---	29
30	---		3.00 B	0	0	0	0	0	0	0	---	---	30
31	---		4.50 B		0		0	0		0	---	---	31
TOTAL	---	---	11.413	27.083	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.368	0.902	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	4.50	9.80	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.157
MAXIMUM DAILY, 9.80 ON APR 2
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 05 45 N
LONG 110 15 31 W
DRAINAGE AREA, 930 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	986	SEP	0
APR	3 240	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 230 dam³

KILLARNEY LAKE TRIBUTARY NEAR CHAUVIN - STATION NO. 05EA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	6.72	0.038	0.015	0.003	0	0.002	0.002	0.0038	---	1
2	---	---	0 B	7.76	0.028	0.010	0.003	0	0.002	0.002	0.0038	---	2
3	---	---	0 B	6.76	0.020E	0.007	0.003	0	0.001	0.003	0.0038	---	3
4	---	---	0 B	2.86	0.020E	0.015	0.003	0	0.001	0.004	0.0028	---	4
5	---	---	0 B	1.63	0.020E	0.010	0.003	0	0.001	0.003	0.0019	---	5
6	---	---	0 B	1.32	0.020E	0.008	0.003	0	0.001	0.002	0.0019	---	6
7	---	---	0 B	1.40	0.030A	0.003	0.004	0	0.001	0.001	---	---	7
8	---	---	0 B	1.51	0.067	0.002	0.005	0	0.001	0.001	---	---	8
9	---	---	0 B	1.59	0.068	0.001	0.001	0	0.001	0.001	---	---	9
10	---	---	0 B	1.44	0.065	0	0.006	0	0.001	0.001	---	---	10
11	---	---	0 B	1.01	0.121	0	0.008	0	0.001	0.001	---	---	11
12	---	---	0 B	0.830	0.156	0	0.013	0	0.001	0.002	---	---	12
13	---	---	0 B	0.488	0.163	0	0.012	0	0.001	0.003	---	---	13
14	---	---	0 B	0.408	0.195	0	0.001	0.003	0.001	0.004	---	---	14
15	---	---	0 B	0.395	0.169	0	0.004	0.002	0.001	0.004	---	---	15
16	---	---	0 B	0.187	0.171	0	0	0.001	0.001	0.004	---	---	16
17	---	---	0 B	0.121	0.155	0	0	0.001	0.001	0.004	---	---	17
18	---	---	0 B	0.078	0.127	0	0	0	0.001	0.003	---	---	18
19	---	---	0 B	0.064	0.118	0	0	0	0.001	0.004	---	---	19
20	---	---	0.0308	0.224	0.101	0	0	0	0.001	0.004	---	---	20
21	---	---	0.0408	0.886	0.087	0	0	0.001	0.001	0.005	---	---	21
22	---	---	0.0888	0.723	0.083	0.001	0	0.001	0.001	0.005	---	---	22
23	---	---	0.1008	0.617	0.071	0.001	0	0	0.001	0.005	---	---	23
24	---	---	0.1708	0.308	0.082	0.001	0	0	0.001	0.005	---	---	24
25	---	---	0.2408	0.343	0.078	0.001	0	0	0.001	0.004	---	---	25
26	---	---	0.6738	0.261	0.058	0.002	0	0	0.001	0.004	---	---	26
27	---	---	0.6788	0.142	0.039	0.002	0	0	0.001	0.003	---	---	27
28	---	0B	0.5288	0.106	0.038	0.003	0	0.001	0.001	0.003	---	---	28
29	---		0.5678	0.076	0.033	0.004	0	0.002	0.001	0.003	---	---	29
30	---		0.5488	0.069	0.027	0.003	0	0.002	0.001	0.0028	---	---	30
31	---		1.04 B		0.021		0	0.002		0.0028		---	31
TOTAL	---	---	4.853	35.367	2.535	0.087	0.073	0.017	0.033	0.093	---	---	TOTAL
MEAN	---	---	0.157	1.18	0.081	0.003	0.002	0.001	0.001	0.003	---	---	MEAN
MAX	---	---	1.04	7.76	0.195	0.015	0.013	0.003	0.002	0.005	---	---	MAX
MIN	---	---	0	0.069	0.020	0	0	0	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.174
MAXIMUM DAILY, 7.76 ON APR 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.04 AT 09:11 MST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 33 47 N
LONG 110 06 52 W
DRAINAGE AREA, 1 010 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	6.31
FEB	---	AUG	1.47
MAR	393	SEP	2.78
APR	3 050	OCT	7.95
MAY	218	NOV	---
JUN	7.53	DEC	---

TOTAL DISCHARGE, 3 700 dam³

KIRKPATRICK LAKE TRIBUTARY NEAR SPONDIN - STATION NO. 05EA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.811	0.028	0.001	0	0	0	0	---	1
2	---	---	0B	0.15 B	0.388	0.006	0.001	0	0	0	0	---	2
3	---	---	0B	0.80 B	0.348	0.005	0	0	0	0	0	---	3
4	---	---	0B	0.67	0.328	0.005	0	0	0	0	0	---	4
5	---	---	0B	0.74	0.188	0.004	0	0	0	0	0A	---	5
6	---	---	0B	4.66	0.030	0.004		0	0	0	---	---	6
7	---	---	0B	2.76	0.001	0.004	0	0	0	0	---	---	7
8	---	---	0B	2.42	0.006	0.003	0	0	0	0	---	---	8
9	---	---	0B	2.13	0.038	0.003	0	0	0	0	---	---	9
10	---	---	0B	1.71	0.078	0.003	0	0	0	0	---	---	10
11	---	---	0B	1.49	0.116	0.002	0	0	0	0	---	---	11
12	---	---	0B	1.16	0.204	0.002	0	0	0	0	---	---	12
13	---	---	0B	0.818	0.331	0.003	0	0	0	0	---	---	13
14	---	---	0B	0.695	0.308	0.003	0	0	0	0	---	---	14
15	---	---	0B	0.525	0.170	0.003	0	0	0	0	---	---	15
16	---	---	0B	0.375	0.208	0.003	0	0	0	0	---	---	16
17	---	---	0B	0.297	0.268	0.002	0	0	0	0	---	---	17
18	---	---	0B	0.187	0.287	0.001	0	0	0	0	---	---	18
19	---	---	0B	0.135	0.278	0.001	0	0	0	0	---	---	19
20	---	---	0B	0.330	0.298	0.001	0	0	0	0	---	---	20
21	---	---	0B	0.268	0.302	0.001	0	0	0	0	---	---	21
22	---	---	0B	0.488	0.308	0.001	0	0	0	0	---	---	22
23	---	---	0B	0.685	0.284	0.001	0	0	0	0	---	---	23
24	---	---	0B	1.07	0.285	0.001	0	0	0	0	---	---	24
25	---	---	0B	1.30	0.243	0.001	0	0	0	0	---	---	25
26	---	0B	0B	1.28	0.180	0.001	0	0	0	0	---	---	26
27	---	0B	0B	1.18	0.121	0.001	0	0	0	0	---	---	27
28	---	0B	0B	0.957	0.108	0.001	0	0	0	0	---	---	28
29	---		0B	0.748	0.128	0.001	0	0	0	0	---	---	29
30	---		0B	0.838	0.088	0.001	0	0	0	0	---	---	30
31	---		0B		0.080		0	0		0		---	31
TOTAL	---	---	0	63.984	8.398	0.087	0.002	0	0	0	---	---	TOTAL
MEAN	---	---	0	2.13	0.283	0.003	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.15	0.811	0.028	0.001	0	0	0	---	---	MAX
MIN	---	---	0	0	0.001	0.001	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.207
MAXIMUM DAILY, 0.152 ON APR 2
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 58 24 N
LONG 111 20 47 W
DRAINAGE AREA, 222 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0.17
FEB	---	AUG	0
MAR	0	SEP	0
APR	1 930	OCT	0
MAY	544	NOV	---
JUN	8.38	DEC	---

TOTAL DISCHARGE, 2 480 dam³

KLESKUN HILLS MAIN DRAIN NEAR GRANDE PRAIRIE - STATION NO. 07EE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	1.85	0.002	0	0	0	0	0.001	---	---	1
2	---	---	0.0018	1.13	0.002	0	0	0	0	0.001	---	---	2
3	---	---	0.0018	0.580	0.002	0	0	0	0	0.001	---	---	3
4	---	---	0.0018	0.403	0.002	0	0	0	0	0.001	---	---	4
5	---	---	0.0018	0.416	0.002	0	0	0	0.001	0.001	---	---	5
6	---	---	0.0018	0.310	0.001	0	0	0	0.001	0.001	---	---	6
7	---	---	0.0020	0.457	0.001	0	0	0	0.001	0.001	---	---	7
8	---	---	0.0038	0.560	0.001	0	0	0	0.001	0.001	---	---	8
9	---	---	0.0058	0.539	0.001	0	0	0	0.001	0.001	---	---	9
10	---	---	0.0088	0.347	0.001	0	0	0	0	0.001	---	---	10
11	---	---	0.0108	0.249	0.001	0	0	0	0	0.001	---	---	11
12	---	---	0.0158	0.184	0	0	0	0	0.002	0.002	---	---	12
13	---	---	0.0208	0.156	0	0	0	0	0.003	0.002	---	---	13
14	---	---	0.0458	0.072	0	0	0	0	0.003	0.003	---	---	14
15	---	---	0.2258	0.026	0	0	0	0.001	0.002	0.004	---	---	15
16	---	---	0.5508	0.010	0	0	0	0.001	0.004	0.007	---	---	16
17	---	---	1.52 E	0.004	0	0	0	0.001	0.002	0.003	---	---	17
18	---	---	3.10 E	0.003	0	0	0	0.001	0.002	0.002	---	---	18
19	---	---	5.95 E	0.003	0	0	0	0	0.002	0.002	---	---	19
20	---	---	1.35 E	0.003	0	0	0	0	0.002	0.002	---	---	20
21	---	---	0.9768	0.003	0	0	0	0	0.003	0.002	---	---	21
22	---	---	0.8092	0.003	0	0	0	0	0.002	0.002	---	---	22
23	---	---	0.7288	0.002	0	0	0	0	0.002	0.002	---	---	23
24	---	---	0.5418	0.002	0	0	0	0	0.002	0.002	---	---	24
25	---	---	0.5138	0.002	0	0	0	0	0.001	0.0028	---	---	25
26	---	---	0.4198	0.002	0	0	0	0	0.002	0.0028	---	---	26
27	---	---	0.3608	0.002	0	0	0	0	0.002	0.0028	---	---	27
28	---	---	0.3458	0.002	0	0	0	0	0.001	0.0028	---	---	28
29	---		0.3508	0.002	0	0	0	0	0.001	0.0018	---	---	29
30	---		0.3508	0.002	0	0	0	0	0.001	0.0018	---	---	30
31	---		0.5838		0		0	0		0.0018		---	31
TOTAL	---	---	10.782	7.304	0.016	0	0	0.004	0.044	0.057	---	---	TOTAL
MEAN	---	---	0.608	0.243	0.001	0	0	0	0.001	0.002	---	---	MEAN
MAX	---	---	5.85	1.85	0.002	0	0	0.001	0.004	0.007	---	---	MAX
MIN	---	---	0.001	0.002	0	0	0	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.107
MAXIMUM DAILY, 5.850 ON MAR 19
MINIMUM DAILY, 0 ON MAY 12
MAXIMUM INSTANTANEOUS,
13.48 ON MAR 19

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 13 29 N
LONG 118 27 27 W
DRAINAGE AREA, 31.6 km²

E - ICE CONDITIONS

REGULATED

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARK

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0.35
MAR	1 630	SEP	3.80
APR	831	OCT	4.93
MAY	1.38	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 360 dam³

KNEEHILLS CREEK NEAR DRUMHELLER - STATION NO. 05CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.955E	0.380	0.020	0	0	0	0.028	0.005	---	1
2	---	---	0 B	1.00 E	0.387	0.007	0	0	0	0.021	0.004	---	2
3	---	---	0 B	1.07 A	0.374	0	0	0	0.003	0.014	0.002	---	3
4	---	---	0 B	2.11	0.342	0	0	0	0.003	0.013	0	---	4
5	---	---	0 B	3.84	0.320	0	0	0	0.001	0.008	0	---	5
6	---	---	0 B	3.19	0.305	0	0	0	0	0.005	---	---	6
7	---	---	0 B	2.84	0.285	0	0	0	0	0.004	---	---	7
8	---	---	0 B	1.97	0.278	0	0	0.039	0	0	---	---	8
9	---	---	0.0208	1.58	0.264	0	0	0.033	0	0	---	---	9
10	---	---	0.1208	1.17	0.240	0	0	0.052	0	0	---	---	10
11	---	---	0.6588	1.06	0.231	0	0	0.027	0	0	---	---	11
12	---	---	1.60 B	0.802	0.236	0	0	0.003	0	0	---	---	12
13	---	---	2.82 B	0.622	0.227	0	0	0	0.287	0	---	---	13
14	---	---	3.24 B	0.539	0.226	0	0	0	0.136	0	---	---	14
15	---	---	0.59 B	0.466	0.224	0	0	0.045	0.083	0	---	---	15
16	---	---	10.1 B	0.433	0.218	0	0	0.070	0.084	0.087	---	---	16
17	---	---	9.03 B	0.394	0.202	0	0	0.032	0.060	0.088	---	---	17
18	---	---	6.86 A	0.364	0.178	0	0	0.021	0.057	0.072	---	---	18
19	---	---	5.90 E	0.465	0.161	0	0	0.025	0.051	0.070	---	---	19
20	---	---	5.30 A	0.754	0.135	0	0	0.017	0.044	0.065	---	---	20
21	---	---	4.75 E	0.578	0.101	0	0	0.143	0.041	0.059	---	---	21
22	---	---	4.10 E	0.525	0.074	0	0	0.421	0.040	0.049	---	---	22
23	---	---	3.80 E	0.526	0.022	0	0	0.132	0.038	0.041	---	---	23
24	---	---	3.28 A	0.466	0.013	0	0	0.048	0.048	0.032	---	---	24
25	---	---	3.36 A	0.963	0.034	0	0	0.018	0.042	0.026	---	---	25
26	---	---	2.05 E	0.533	0.066	0	0	0.018	0.072	0.033	---	---	26
27	---	09	1.65 E	0.523	0.059	0	0	0.013	0.071	0.018	---	---	27
28	---	00	1.40 E	0.488	0.059	0	0	0.008	0.059	0.014	---	---	28
29	---		0.908A	0.418	0.051	0	0	0.008	0.046	0.013	---	---	29
30	---		0.848E	0.405	0.036	0	0	0.002	0.035	0.011	---	---	30
31	---		0.8508		0.018		0			0.008		---	31
TOTAL	---	---	78.981	36.487	5.706	0.027	0	1.178	1.364	0.749	---	---	TOTAL
MEAN	---	---	2.55	1.02	0.185	0.001	0	0.038	0.045	0.024	---	---	MEAN
MAX	---	---	10.1	3.84	0.388	0.020	0	0.421	0.287	0.087	---	---	MAX
MIN	---	---	0	0.364	0.013	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.484
MAXIMUM DAILY, 10.10 ON MAR 16
MINIMUM DAILY, 00 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 32 40 N
LONG 113 51 30 W
DRAINAGE AREA, 2 430 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	102
MAR	6 830	SEP	110
APR	3 830	OCT	84.7
MAY	488	NOV	---
JUN	3.33	DEC	---

TOTAL DISCHARGE, 10 300 dam³

KRAMCHUK DRAINAGE NEAR MCLENNAN - STATION NO. 07HA902

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0758	0.008	0	0	0	0	0	---	---	1
2	---	---	---	1.25 B	0.004	0	0	0	0	0	---	---	2
3	---	---	---	0.6908	0.005	0	0	0	0	0	---	---	3
4	---	---	---	0.7278	0.003	0	0	0	0	0	---	---	4
5	---	---	---	0.6308	0	0	0	0	0	0	---	---	5
6	---	---	---	0.6028	0	0	0	0	0	0	---	---	6
7	---	---	---	0.4868	0	0	0	0	0	---	---	---	7
8	---	---	---	0.4998	0	0	0	0	0	---	---	---	8
9	---	---	---	0.5628	0	0	0	0	0	---	---	---	9
10	---	---	---	0.4518	0	0	0	0	0	---	---	---	10
11	---	---	---	0.2818	0	0	0	0	0	---	---	---	11
12	---	---	---	0.3218	0	0	0	0	0	---	---	---	12
13	---	---	---	0.3008	0	0	0	0	0	---	---	---	13
14	---	---	---	0.2828	0	0	0	0	0	---	---	---	14
15	---	---	---	0.184	0	0	0	0	0	---	---	---	15
16	---	---	---	0.111	0	0	0	0	0	---	---	---	16
17	---	---	---	0.080	0	0	0	0	0	---	---	---	17
18	---	---	---	0.063	0	0	0	0	0	---	---	---	18
19	---	---	---	0.036	0	0	0	0	0	---	---	---	19
20	---	---	---	0.037	0	0	0	0	0	---	---	---	20
21	---	---	---	0.035	0	0	0	0	0	---	---	---	21
22	---	---	---	0.035	0	0	0	0	0	---	---	---	22
23	---	---	---	0.058	0	0	0	0	0	---	---	---	23
24	---	---	---	0.058	0	0	0	0	0	---	---	---	24
25	---	---	---	0.035	0	0	0	0	0	---	---	---	25
26	---	---	0B	0.051	0	0	0	0	0	---	---	---	26
27	---	---	---	0.068	0	0	0	0	0	---	---	---	27
28	---	---	---	0.037	0	0	0	0	0	---	---	---	28
29	---		---	0.021	0	0	0	0	0	---	---	---	29
30	---		---	0.012	0	0	0	0	0	0B	---	---	30
31	---		---		0		0	0	0	---	---	---	31
TOTAL	---	---	---	7.989	0.020	0	0	0	0	---	---	---	TOTAL
MEAN	---	---	---	0.258	0.001	0	0	0	0	---	---	---	MEAN
MAX	---	---	---	1.25	0.008	0	0	0	0	---	---	---	MAX
MIN	---	---	---	0.012	0	0	0	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
2.500 AT 14:52 MST ON APR 3

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 57 00 N
LONG 117 03 00 W
DRAINAGE AREA, 13.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0
APR	690	OCT	---
MAY	1.73	NOV	---
JUN	0	DEC	---

KVISKAP CREEK NEAR GRANUM - STATION NO. 06AB038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	B	0B	0	0	0	0	0	0	---	---	1
2	---	---	0	B	0B	0	0	0	0	0	0	---	---	2
3	---	---	0	B	0B	0	0	0	0	0	0	---	---	3
4	---	---	0	B	0B	0	0	0	0	0	0	---	---	4
5	---	---	0	B	0B	0	0	0	0	0	0	---	---	5
6	---	---	0	B	0B	0	0	0	0	0	0	---	---	6
7	---	---	0	B	0B	0	0	0	0	0	0	---	---	7
8	---	---	0	B	0B	0	0	0	0	0	0	---	---	8
9	---	---	0	B	0B	0	0	0	0	0	0	---	---	9
10	---	---	0	B	0	0	0	0	0	0	0	---	---	10
11	---	---	0	B	0	0	0	0	0	0	0.001	---	---	11
12	---	---	0	B	0	0	0	0	0	0	0.002	---	---	12
13	---	---	0	B	0	0	0	0	0	3.03	0	---	---	13
14	---	---	0	B	0	0	0	0	0	0.388	0	---	---	14
15	---	---	0	B	0	0	0	0	0	0.033	0	---	---	15
16	---	---	0	B	0	0	0	0	0	0.011	0	---	---	16
17	---	---	0	B	0	0	0	0	0	0.005	0	---	---	17
18	---	---	0.0028		0	0	0	0	0	0.002	0	---	---	18
19	---	---	0.0018		0	0	0	0	0	0.002	0	---	---	19
20	---	---	0	B	0	0	0	0	0	0.004	0	---	---	20
21	---	---	0	B	0	0	0	0	0	0.003	0	---	---	21
22	---	---	0	B	0	0	0	0	0	0.001	0	---	---	22
23	---	---	0	B	0	0	0	0	0	0	0	---	---	23
24	---	---	0	B	0	0	0	0	0	0	0	---	---	24
25	---	---	0	B	0	0	0	0	0	0	0	---	---	25
26	---	---	0	B	0	0	0	0	0	0	0	---	---	26
27	---	---	0	B	0	0	0	0	0	0	0	---	---	27
28	---	0B	0	B	0	0	0	0	0	0	0	---	---	28
29	---		0	B	0	0	0	0	0	0	0	---	---	29
30	---		0	B	0	0	0	0	0	0	0	---	---	30
31	---		0	B		0		0	0	0	0	A	---	31
TOTAL	---	---	0.003		0	0	0	0	0	4.089	0.003	---	---	TOTAL
MEAN	---	---	0		0	0	0	0	0	0.135	0	---	---	MEAN
MAX	---	---	0.002		0	0	0	0	0	3.03	0.003	---	---	MAX
MIN	---	---	0		0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.017
MAXIMUM DAILY, 3.03 ON SEP 13
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.03 AT 17:30 MST ON SEP 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 05 N
LONG 113 35 25 W
DRAINAGE AREA, 191 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0.35	SEP	350
APR	0	OCT	0.35
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 351 dam³

L.N.I.D. - MONARCH BRANCH CANAL BELOW MONARCH HEADGATES - STATION NO. 05AC036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	7.21	12.6	0	1.00 E	0.700E	---	---	1
2	---	---	---	---	0	7.04	13.3	0	1.00 E	0.700E	---	---	2
3	---	---	---	---	0	7.64	14.5	0	1.00 E	0.700E	---	---	3
4	---	---	---	---	0	8.03	14.6	0	1.00 E	0.700E	---	---	4
5	---	---	---	---	0	8.44	14.3	0	1.00 E	0.700E	---	---	5
6	---	---	---	---	0	8.32	13.5	2.70	1.00 E	0.700E	---	---	6
7	---	---	---	---	0	8.10	13.6	4.87	1.00 E	0.700E	---	---	7
8	---	---	---	---	0	7.80	13.5	3.83	1.00 E	0.700E	---	---	8
9	---	---	---	---	0	7.71	12.3	4.86	1.00 E	0.700E	---	---	9
10	---	---	---	---	1.00 E	6.79	11.7	4.87	1.00 E	0.700E	---	---	10
11	---	---	---	---	1.00 E	10.1	9.81	4.88	1.00 E	0.700E	---	---	11
12	---	---	---	---	1.00 E	11.7	9.74	3.84	0	0	---	---	12
13	---	---	---	---	1.00 E	13.4	9.78	4.11	0	0	---	---	13
14	---	---	---	---	1.31	12.3	9.28	3.88	0	0	---	---	14
15	---	---	---	---	0.930	11.6	3.34	3.31	0	0	---	---	15
16	---	---	---	---	1.14	11.5	0	2.04	0.700E	0	---	---	16
17	---	---	---	---	3.43	11.0	0	1.86	0.700E	0	---	---	17
18	---	---	---	---	3.77	11.0	0	1.00 E	0.700E	0	---	---	18
19	---	---	---	---	3.87	11.8	0	1.00 E	0.500E	0	---	---	19
20	---	---	---	---	3.82	12.5	0	1.00 E	0.500E	0	---	---	20
21	---	---	---	---	3.72	12.0	2.46	1.00 E	0.500E	0	---	---	21
22	---	---	---	---	4.05	11.8	5.35	1.00 E	0.500E	0	---	---	22
23	---	---	---	---	5.09	11.8	8.33	1.00 E	0.500E	0	---	---	23
24	---	---	---	---	5.02	11.8	9.81	1.00 E	0.700E	0	---	---	24
25	---	---	---	---	5.52	11.3	10.4	1.00 E	0.700E	0	---	---	25
26	---	---	---	---	4.92	10.8	8.85	1.00 E	0.700E	0	---	---	26
27	---	---	---	---	5.46	11.5	8.87	1.84	0.700E	0	---	---	27
28	---	---	---	---	5.73	12.7	8.83	1.85	0.700E	0	---	---	28
29	---		---	---	5.84	13.1	9.41	1.34	0.700E	0	---	---	29
30	---		---	---	6.55	12.6	9.04	1.13	0.700E	0	---	---	30
31	---		---	---	7.08		2.36	0.938		0	---	---	31
TOTAL	---	---	---	---	62.930	315.48	266.46	80.486	26.800	7.700	---	---	TOTAL
MEAN	---	---	---	---	2.95	10.5	7.85	1.85	0.883	0.248	---	---	MEAN
MAX	---	---	---	---	7.08	13.4	14.6	4.87	1.00	0.700	---	---	MAX
MIN	---	---	---	---	0	7.04	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 14.6 ON JUL 4
MINIMUM DAILY, 0 ON MAY 1

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 00 N
LONG 113 11 00 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL 31 300	
FEB	---	AUG 6 230	
MAR	---	SEP 1 770	
APR	---	OCT 685	
MAY	7 130	NOV ---	
JUN	27 300	DEC ---	

LA BICHE RIVER AT HIGHWAY NO. 63 - STATION NO. 07CA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.410	3.060	3.120	12.00	17.0	8.61	2.53	2.20	3.17	4.94E	7.56E	3.66E	1
2	3.420	3.060	3.140	17.00	17.1	8.73	2.33	2.39	3.30	5.03E	7.34E	3.62E	2
3	3.490	3.060	3.160	16.50	17.0	7.76	2.31	2.44	3.55	5.13E	7.13E	3.78E	3
4	3.530	3.040	3.170	16.00	16.6	7.24	2.23	2.45	3.63	5.21E	6.91E	3.74E	4
5	3.480	3.040	3.190	15.50	15.7	6.66	2.16	2.48	4.08	5.30E	6.70E	3.70E	5
6	3.540	3.030	3.210	20.00	20.0	5.52	2.30	2.46	3.86	5.40E	6.50E	3.70E	6
7	3.530	3.030	3.230	19.50	19.6	4.76	2.18	2.50	3.73	5.02E	6.30E	3.66E	7
8	3.570	3.030	3.250	19.00	19.1	4.80	2.12	2.67	4.03	5.78E	6.10E	3.62E	8
9	3.540	3.030	3.260	18.50	18.5	4.38	2.09	2.71	4.17	5.84E	5.90E	3.62E	9
10	3.530	3.030	3.300	17.50	18.5	4.53	2.08	2.88	4.33	5.10E	5.70E	3.60E	10
11	3.480	3.030	3.340	16.50	16.1	4.07	2.12	2.60	4.55	5.20E	5.52E	3.58E	11
12	3.380	3.030	3.360	15.50	17.1	4.08	2.13	3.16	4.64	5.50E	5.36E	3.55E	12
13	3.390	3.030	3.420	14.4	17.1	3.63	2.08	3.02	4.64	5.70E	5.22E	3.52E	13
14	3.380	3.030	3.460	13.8	17.1	3.32	2.06	2.68	4.52	6.00E	5.10E	3.55E	14
15	3.330	3.030	3.500	13.7	16.8	3.01	2.07	2.96	4.60	7.10E	5.00E	3.55E	15
16	3.290	3.030	3.540	13.4	16.4	2.85	2.11	3.03	4.58	7.33E	4.90E	3.58E	16
17	3.260	3.030	3.580	13.3	16.0	2.87	2.06	2.87	4.34	7.65E	4.81E	3.56E	17
18	3.240	3.030	3.620	13.5	15.5	2.87	2.03	3.10	3.87	7.78E	4.73E	3.60E	18
19	3.220	3.030	3.660	13.2	15.0	2.86	2.10	3.20	4.61	8.00E	4.64E	3.60E	19
20	3.200	3.030	3.700	13.3	14.3	2.89	2.03	3.27	4.82	8.10E	4.53E	3.58E	20
21	3.180	3.030	3.700	13.8	13.8	2.38	1.89	3.95	5.09	8.10E	4.44E	3.58E	21
22	3.170	3.030	3.620	12.7	13.4	2.44	3.07	3.78	4.82	8.20E	4.38E	3.58E	22
23	3.150	3.050	3.660	12.2	14.7	3.41	3.04	3.82	4.68	8.20E	4.29E	3.58E	23
24	3.140	3.060	3.840	14.2	14.8	3.06	3.13	3.05	5.13A	8.10E	4.23E	3.58E	24
25	3.130	3.060	4.000	16.6	14.1	3.25	3.43	3.06	4.87A	8.10E	4.18E	3.58E	25
26	3.120	3.070	4.200	16.6	13.6	3.12	2.45	3.62	4.83E	8.00E	4.10E	3.58E	26
27	3.110	3.080	4.500	16.1	13.3	3.07	2.98	3.80	4.68E	8.00E	4.04E	3.58E	27
28	3.100	3.100	5.000	15.7	12.6	3.20	2.38	3.88	4.74E	7.88E	3.98E	3.58E	28
29	3.080		5.800	16.6	12.3	3.18	2.31	3.07	4.78E	7.88E	3.94E	3.54E	29
30	3.080		7.000	17.6	11.6	3.74	2.31	3.15	4.88E	7.84A	3.90E	3.58E	30
31	3.070		8.780		10.3		2.32	3.32		9.77E		3.58E	31
TOTAL	102.46	85.19	132.91	481.1	501.0	134.22	67.93	87.84	130.10	214.81	157.37	111.67	TOTAL
MEAN	3.30	3.04	3.86	16.0	16.2	4.14	2.19	2.84	4.34	6.93	5.25	3.60	MEAN
MAX	3.57	3.10	8.78	20.0	20.0	8.61	3.86	3.27	5.13	8.30	7.56	3.66	MAX
MIN	3.07	3.03	3.12	12.7	10.3	2.38	1.89	2.38	3.17	4.84	3.90	3.52	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.99
MAXIMUM DAILY, 20.00 ON APR 6
MINIMUM DAILY, 1.89 ON JUL 21
MAXIMUM INSTANTANEOUS,
33.00 AT 14:27 MST ON APR 6

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 56 10 N
LONG 112 20 10 W
DRAINAGE AREA, 4 660 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 350	JUL	6 570
FEB	7 380	AUG	7 040
MAR	10 600	SEP	11 200
APR	41 600	OCT	16 600
MAY	63 300	NOV	13 600
JUN	10 700	DEC	9 650

TOTAL DISCHARGE, 188 000 dam³

LAC LA BICHE AT LAC LA BICHE - STATION NO. 07EA004

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	543.723	---	---	---	1
2	---	---	---	---	---	---	---	---	543.719	---	---	---	2
3	---	---	---	---	---	---	---	---	543.715	---	---	---	3
4	---	---	---	---	---	---	---	---	543.689	---	---	---	4
5	---	---	---	---	---	---	---	---	543.711	---	---	543.500	5
6	---	---	543.589	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	543.695	---	---	543.488	7
8	---	---	---	543.643	---	---	---	543.695	543.681	---	---	543.487	8
9	---	---	---	---	---	---	---	543.805	543.667	---	---	543.487	9
10	---	---	---	---	---	---	---	---	543.662	---	---	543.484	10
11	---	---	---	---	---	---	---	---	543.676	---	---	543.484	11
12	---	---	---	---	---	---	---	---	543.677	---	---	543.488	12
13	---	---	---	---	---	---	---	---	543.680	---	---	543.485	13
14	---	---	---	---	---	---	---	---	543.684	---	---	543.485	14
15	---	---	---	---	---	---	---	---	543.688	---	---	543.485	15
16	---	---	---	---	---	---	---	---	543.685	---	---	543.489	16
17	---	---	---	---	---	---	---	---	543.686	---	---	543.488	17
18	---	---	---	---	---	---	---	---	543.695	---	---	543.488	18
19	---	---	---	---	---	---	---	---	543.687	---	---	543.488	19
20	---	---	---	---	---	---	543.833	---	543.698	---	---	543.487	20
21	---	---	---	---	---	---	---	---	543.653	---	---	543.491	21
22	---	---	---	---	---	---	---	---	543.684	---	543.518	543.488	22
23	---	---	---	---	---	---	---	---	543.687	---	543.509	543.483	23
24	---	---	---	---	543.736	---	---	---	543.668	---	543.505	543.486	24
25	---	---	---	543.536	---	---	---	---	543.650	---	543.504	543.485	25
26	---	---	---	---	---	---	---	---	---	---	---	543.483	26
27	---	---	---	---	---	---	---	---	---	---	---	543.481	27
28	---	---	---	---	---	543.833	---	543.736	---	---	---	543.485	28
29	---		---	---	---	---	---	543.721	---	---	---	543.484	29
30	---		---	---	---	---	---	543.715	---	---	---	543.484	30
31	---		---		---		---	543.732	---	---	---	543.485	31
								543.730				543.485	
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 46 26 N
LONG 111 58 43 W

NATURAL FLOW

DRAINAGE AREA,
4 330 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LAC LA NONNE AT LAC LA NONNE - STATION NO. 07EB007

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.154	1.015	1.070	0.875	0.840	0.780	0.775	---	1
2	---	---	---	---	1.155	1.010	1.070	0.880	0.840	0.775	0.775	---	2
3	---	---	---	---	1.155	1.010	1.065	0.880	0.830	0.775	---	---	3
4	---	---	---	---	1.154	0.995	1.060	0.880	0.820	0.770	---	---	4
5	---	---	---	---	1.155	0.990	1.040	0.880	0.820	0.770	---	---	5
6	---	---	---	---	1.135	0.980	1.035	0.855	0.815	0.770	---	---	6
7	---	---	0.702	---	1.135	0.980	1.010	0.850	0.815	0.770	0.760	---	7
8	---	---	---	---	1.135	0.985	1.010	0.855	0.810	0.765	---	---	8
9	---	---	---	---	1.135	0.980	0.980	0.855	0.810	0.765	---	---	9
10	---	---	---	---	1.114	0.980	0.985	0.880	0.820	0.762	---	---	10
11	---	---	---	0.948	1.110	0.970	0.980	0.880	0.835	0.765	---	---	11
12	---	---	---	---	1.110	0.970	0.980	0.855	0.812	0.770	---	---	12
13	---	---	---	---	1.110	0.970	0.970	0.850	0.825	0.775	---	---	13
14	---	---	---	---	1.110	0.965	0.970	0.855	0.825	0.775	---	---	14
15	---	---	---	---	1.095	0.970	0.965	0.855	0.825	0.775	---	---	15
16	---	---	---	---	1.090	0.970	0.950	0.850	0.810	0.760	---	---	16
17	---	---	---	---	1.080	0.965	0.950	0.845	---	0.775	---	---	17
18	---	---	---	---	1.075	0.965	0.940	0.840	0.810	0.775	---	---	18
19	---	---	---	---	1.075	---	0.935	0.838	0.810	0.775	---	---	19
20	---	---	---	---	1.075	0.954	0.930	0.835	0.800	0.770	---	---	20
21	---	---	---	---	1.070	0.954	0.930	0.840	0.795	0.770	---	---	21
22	---	---	---	---	1.055	---	0.935	0.840	0.800	0.770	---	---	22
23	---	---	---	---	1.030	---	0.935	0.835	0.800	0.765	---	---	23
24	---	---	---	---	1.025	---	0.920	0.835	0.800	0.765	---	---	24
25	---	---	---	---	1.035	1.005	0.900	0.830	0.795	0.765	---	---	25
26	---	---	---	---	1.020	1.005	0.900	0.825	0.800	0.765	---	---	26
27	---	---	---	---	1.015	1.005	0.900	0.825	0.795	0.765	---	---	27
28	---	---	0.702	---	1.015	1.005	0.855	0.820	0.790	0.770	---	---	28
29	---		---	---	1.015	1.005	0.850	0.820	0.790	0.775	---	---	29
30	---		---	---	1.027	1.070	0.850	0.850	0.765	0.775	---	---	30
31	---		---		1.010		0.870	0.850		0.775		---	31
MEAN	---	---	---	---	1.085	---	0.983	0.848	---	0.771	---	---	MEAN
MAX	---	---	---	---	1.155	---	1.070	0.875	---	0.780	---	---	MAX
MIN	---	---	---	---	1.010	---	0.870	0.820	---	0.762	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.155 ON MAY 6

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 54 41 N
LONG 114 19 43 W

NATURAL FLOW

DRAINAGE AREA,
355 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAC STE. ANNE AT ALBERTA BEACH - STATION NO. 05EA005

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	723.105	---	723.027	722.908	---	722.849	---	---	1
2	---	---	---	---	---	---	723.027	722.898	722.858	---	---	---	2
3	---	---	---	---	---	---	---	722.898	---	---	---	---	3
4	---	---	---	---	---	---	723.007	722.888	722.858	722.849	---	---	4
5	---	---	---	---	---	---	723.007	---	722.858	722.849	---	---	5
6	---	---	---	---	723.115	---	723.007	722.888	722.858	---	---	---	6
7	---	---	722.885	---	723.115	---	723.007	722.878	---	---	722.833	---	7
8	---	---	---	---	---	---	723.007	---	722.858	722.839	---	---	8
9	---	---	---	---	---	---	722.997	722.888	722.849	722.839	---	---	9
10	---	---	---	---	723.111	---	722.987	722.888	722.849	722.838	---	---	10
11	---	---	---	723.861	---	723.055	---	722.888	722.849	722.839	---	---	11
12	---	---	---	---	---	---	722.977	722.888	722.835	---	---	---	12
13	---	---	---	---	---	---	722.977	---	---	---	---	---	13
14	---	---	---	---	723.115	723.028	722.967	---	722.849	---	---	---	14
15	---	---	---	---	723.115	---	722.967	722.878	722.849	722.838	---	---	15
16	---	---	---	---	723.115	---	---	722.878	---	722.839	---	---	16
17	---	---	---	---	723.115	723.018	722.967	722.868	---	---	---	---	17
18	---	---	---	---	---	---	---	722.868	722.849	722.839	---	---	18
19	---	---	---	---	---	---	722.958	722.868	722.849	722.839	---	---	19
20	---	---	---	---	723.105	722.986	722.957	---	722.849	722.839	---	---	20
21	---	---	---	---	723.105	722.986	722.957	---	---	722.839	---	---	21
22	---	---	---	---	---	722.978	---	722.868	---	722.839	---	---	22
23	---	---	---	---	---	---	722.947	722.868	---	---	---	---	23
24	---	---	---	---	---	---	722.947	722.868	---	722.839	---	---	24
25	---	---	---	---	---	723.028	---	---	722.849	722.839	---	---	25
26	---	---	---	---	723.068	723.037	---	722.878	---	---	---	---	26
27	---	---	---	---	---	723.037	722.927	722.878	722.849	---	---	---	27
28	---	---	722.849	---	---	723.037	722.936	722.868	722.849	---	---	---	28
29	---		---	---	---	723.037	722.936	722.868	722.849	722.838	---	---	29
30	---		---	---	723.084	723.027	722.916	---	722.849	---	---	---	30
31	---		---		---		---	722.868		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 40 35 N
LONG 114 21 27 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 702 km²

LAFOND CREEK NEAR RED EARTH CREEK - STATION NO. 07JC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0105	0.0478	3.85	0.555	0.072	0.015	0.021	0.254	---	---	1
2	---	---	0.0104	0.0618	3.67	0.512	0.061	0.014	0.019	0.232	---	---	2
3	---	---	0.0099	0.0618	4.10	0.455	0.048	0.014	0.020	0.261	---	---	3
4	---	---	0.0093	0.1008	4.82	0.432	0.038	0.014	0.020	0.230	---	---	4
5	---	---	0.0088	0.3578	5.86	0.373	0.035	0.013	0.024	0.289	---	---	5
6	---	---	0.0088	0.2348	7.65	0.327	0.031	0.013	0.021	0.367	---	---	6
7	---	---	0.0088	0.2018	8.61	0.288	0.029	0.012	0.020	0.383	---	---	7
8	---	---	0.0088	0.2618	8.41	0.247	0.035	0.011	0.018	0.403	---	---	8
9	---	---	0.0088	0.3658	7.80	0.201	0.022	0.012	0.017	0.418	---	---	9
10	---	---	0.0088	0.5178	7.32	0.211	0.018	0.013	0.018	0.421	---	---	10
11	---	---	0.0078	0.4658	6.44	0.218	0.018	0.013	0.015	0.426	---	---	11
12	---	---	0.0078	0.3998	5.48	0.183	0.017	0.014	0.015	0.784	---	---	12
13	---	---	0.0078	0.5788	4.80	0.176	0.018	0.014	0.015	0.795	---	---	13
14	---	---	0.0078	1.30 E	3.81	0.166	0.020	0.014	0.021	0.798	---	---	14
15	---	---	0.0078	3.33 E	3.34	0.153	0.019	0.014	0.022	0.831	---	---	15
16	---	---	0.0078	3.05 E	2.92	0.144	0.015	0.015	0.022	0.888	---	---	16
17	---	---	0.0078	3.13 E	2.63	0.123	0.014	0.015	0.021	0.874	---	---	17
18	---	---	0.0078	3.37 E	2.38	0.080	0.014	0.016	0.021	1.03	---	---	18
19	---	---	0.0088	4.74 E	2.13	0.074	0.013	0.018	0.020	1.12	---	---	19
20	---	---	0.0108	3.88 E	1.84	0.068	0.012	0.018	0.018	1.13	---	---	20
21	---	---	0.0128	3.30 E	1.57	0.059	0.012	0.018	0.016	1.08	---	---	21
22	---	---	0.0138	3.70 E	1.39	0.080	0.014	0.018	0.023	1.04	---	---	22
23	---	---	0.0138	3.73 E	1.28	0.145	0.014	0.018	0.026	0.986	---	---	23
24	---	---	0.0128	3.97	1.26	0.133	0.012	0.016	0.033	0.910	---	---	24
25	---	---	0.0128	4.11	1.19	0.112	0.012	0.018	0.041	0.869	---	---	25
26	---	---	0.0118	4.18	1.02	0.085	0.018	0.018	0.131	0.800	---	---	26
27	---	---	0.0118	4.67	1.16	0.070	0.026	0.020	0.183	0.781	---	---	27
28	---	---	0.0108	4.32	1.09	0.180	0.023	0.020	0.190	0.7588	---	---	28
29	---		0.0108	4.05	0.821	0.147	0.018	0.018	0.184	0.6648	---	---	29
30	---		0.0108	4.08	0.888	0.084	0.018	0.029	0.250	0.7588	---	---	30
31	---		0.0188		0.834		0.018	0.034		0.7398		---	31
TOTAL	---	---	0.388	83.384	110.464	8.038	0.715	0.581	1.411	21.486	---	---	TOTAL
MEAN	---	---	0.008	3.11	3.56	0.303	0.023	0.018	0.047	0.693	---	---	MEAN
MAX	---	---	0.016	4.74	8.61	0.555	0.072	0.029	0.250	1.13	---	---	MAX
MIN	---	---	0.007	0.047	0.834	0.068	0.012	0.011	0.015	0.230	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.634
MAXIMUM DAILY, 8.61 ON MAY 7
MINIMUM DAILY, 0.0078 ON MAR 11
MAXIMUM INSTANTANEOUS,
8.88 AT 16:00 MST ON MAY 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 04 40 N
LONG 115 05 30 W
DRAINAGE AREA, 491 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	61.9
FEB	---	AUG	43.3
MAR	26.1	SEP	123
APR 8 480		OCT 1 880	
MAY 9 540		NOV	---
JUN	837	DEC	---

TOTAL DISCHARGE, 17 800 dam³

LAKE ABRAHAM NEAR NORDEGG - STATION NO. 05DC003

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1309.12	1305.61	1301.07	1295.49	1289.27	1288.76	1294.67	1305.34	1311.85	1314.33	1313.80	1309.85	1
2	1309.09	1305.48	1300.95	1295.34	1289.06	1288.72	1295.10	1306.85	1311.92	1314.35	1313.67	1309.64	2
3	1309.02	1305.34	1300.78	1295.16	1288.85	1288.79	1295.61	1305.92	1311.88	1314.35	1313.35	1309.45	3
4	1308.96	1305.18	1300.58	1295.00	1288.63	1288.91	1295.13	1307.29	1312.07	1314.35	1313.26	1309.42	4
5	1308.93	1305.00	1300.43	1294.79	1288.45	1289.06	1295.59	1307.85	1312.16	1314.35	1313.16	1309.36	5
6	1308.84	1304.85	1300.25	1294.61	1288.21	1289.12	1297.17	1307.95	1312.29	1314.35	1313.02	1309.24	6
7	1308.78	1304.67	1300.09	1294.42	1287.99	1289.15	1297.69	1308.23	1312.38	1314.26	1312.87	1309.12	7
8	1308.72	1304.51	1299.91	1294.24	1287.84	1289.24	1298.11	1308.57	1312.32	1314.33	1312.71	1309.02	8
9	1308.66	1304.36	1299.73	1294.03	1287.60	1289.24	1298.57	1308.81	1312.38	1314.33	1312.58	1308.93	9
10	1308.57	1304.18	1299.55	1293.85	1287.36	1289.15	1299.09	1308.96	1312.44	1314.27	1312.47	1308.90	10
11	1308.51	1304.03	1299.33	1293.63	1287.11	1288.99	1299.64	1309.12	1312.50	1314.26	1312.35	1308.87	11
12	1308.36	1303.87	1299.21	1293.45	1286.84	1288.85	1300.12	1309.24	1312.65	1314.26	1312.19	1308.84	12
13	1308.29	1303.72	1298.98	1293.27	1286.69	1288.76	1300.58	1309.33	1312.90	1314.27	1312.04	1308.81	13
14	1308.20	1303.54	1298.84	1293.11	1286.39	1288.60	1300.85	1309.39	1313.14	1314.26	1311.82	1308.78	14
15	1308.11	1303.39	1298.69	1292.87	1286.29	1288.58	1301.25	1309.57	1313.38	1314.26	1311.74	1308.72	15
16	1308.02	1303.23	1298.51	1292.66	1286.05	1288.78	1301.62	1309.73	1313.44	1314.21	1311.71	1308.69	16
17	1307.90	1303.06	1298.36	1292.47	1286.33	1288.86	1301.88	1309.78	1313.60	1314.16	1311.62	1308.66	17
18	1307.77	1302.93	1298.17	1292.26	1286.35	1290.10	1301.98	1309.88	1313.72	1314.16	1311.49	1308.60	18
19	1307.65	1302.76	1297.98	1292.05	1286.44	1290.34	1302.28	1310.00	1313.84	1314.16	1311.34	1308.57	19
20	1307.53	1302.59	1297.78	1291.83	1286.62	1290.60	1302.62	1310.18	1313.93	1314.21	1311.19	1308.54	20
21	1307.36	1302.36	1297.59	1291.62	1286.86	1291.04	1303.02	1310.37	1314.02	1314.16	1311.01	1308.51	21
22	1307.23	1302.23	1297.36	1291.44	1287.17	1291.25	1303.45	1310.46	1314.11	1314.16	1310.85	1308.45	22
23	1307.07	1302.06	1297.17	1291.22	1287.48	1291.63	1303.93	1310.62	1314.26	1314.11	1310.70	1308.35	23
24	1306.89	1301.95	1296.98	1290.98	1287.78	1291.80	1304.36	1310.84	1314.26	1314.11	1310.55	1308.20	24
25	1308.71	1301.77	1296.74	1290.77	1288.16	1291.89	1304.67	1310.86	1314.37	1314.08	1310.40	1308.05	25
26	1306.53	1301.62	1296.53	1290.52	1288.45	1292.08	1304.91	1311.01	1314.26	1314.05	1310.24	1307.90	26
27	1306.37	1301.44	1296.41	1290.26	1288.68	1292.32	1305.21	1311.13	1314.26	1313.89	1310.12	1307.77	27
28	1306.22	1301.26	1296.22	1290.04	1288.38	1292.72	1305.37	1311.26	1314.26	1314.02	1310.00	1307.74	28
29	1306.07		1296.04	1289.78	1288.63	1293.30	1305.49	1311.40	1314.30	1313.84	1309.81	1307.68	29
30	1305.92		1295.86	1289.52	1288.78	1293.87	1305.84	1311.62	1314.30	1313.84	1309.62	1307.65	30
31	1305.76		1295.67		1288.78		1305.96	1311.74		1313.73		1307.59	31
MEAN	1307.76	1303.47	1298.45	1292.88	1287.66	1290.32	1301.09	1309.51	1313.23	1314.19	1311.72	1308.63	MEAN
MAX	1309.12	1305.61	1301.07	1295.49	1289.27	1293.87	1305.96	1311.74	1314.30	1314.35	1313.80	1309.85	MAX
MIN	1305.76	1301.26	1295.67	1289.52	1288.16	1288.72	1294.67	1306.34	1311.85	1313.73	1309.62	1307.59	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MEAN, 1303.26
MAXIMUM DAILY, 1314.39 ON OCT 6
MINIMUM DAILY, 1288.26 ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 15 28 N
LONG 116 19 42 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED SINCE 1972

DRAINAGE AREA,
3 830 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE ATHABASCA AT BUSTARD ISLAND - STATION NO. 07ND002

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.809	208.673	208.526	208.488	208.717	209.486	209.486	209.307	---	208.891	208.781	208.715	1
2	208.811	208.688	208.542	208.480	208.742	209.515	209.426	209.318	---	208.884	208.776	208.715	2
3	208.784	208.685	208.537	208.483	208.788	209.443	209.417	209.386	---	208.887	208.781	208.715	3
4	208.786	208.684	208.517	208.488	208.835	209.434	209.484	209.318	---	208.843	208.813	208.712	4
5	208.801	208.684	208.519	208.484	208.859	209.488	209.478	209.212	---	208.827	208.793	208.708	5
6	208.778	208.685	208.510	208.481	208.900	209.495	209.387	208.285	---	208.808	208.800	208.712	6
7	208.784	208.688	208.507	208.493	208.951	209.502	209.413	208.287	---	208.888	208.838	208.684	7
8	208.784	208.685	208.494	208.500	208.990	209.490	209.443	208.288	---	208.883	208.828	208.686	8
9	208.784	208.683	208.492	208.478	209.050	209.483	209.438	208.241	---	208.772	208.811	208.687	9
10	208.783	208.632	208.481	208.495	209.087	209.481	209.436	208.238	---	208.880	208.801	208.675	10
11	208.788	208.632	208.488	208.489	209.115	209.478	209.411	208.173	---	208.881	208.874	208.858	11
12	208.784	208.631	208.484	208.507	209.138	209.474	209.463	208.170	---	208.847	208.770	208.858	12
13	208.743	208.603	208.488	208.498	209.183	209.476	209.421	208.163	---	208.888	208.772	208.858	13
14	208.787	208.640	208.499	208.501	209.207	209.470	209.439	208.202	---	208.885	208.807	208.880	14
15	208.784	208.620	208.475	208.503	209.231	209.504	209.384	208.175	---	208.880	208.880	208.870	15
16	208.744	208.600	208.466	208.527	209.248	209.489	209.401	---	---	208.842	208.744	208.878	16
17	208.745	208.591	208.474	208.529	209.280	209.484	209.437	---	---	208.821	208.781	208.863	17
18	208.731	208.618	208.479	208.533	209.274	209.503	209.403	---	---	208.787	208.744	208.878	18
19	208.732	208.590	208.511	208.535	209.340	209.508	209.388	208.121	208.081	208.810	208.736	208.887	19
20	208.739	208.578	208.507	208.582	209.324	209.539	209.384	---	208.035	208.782	208.710	208.871	20
21	208.737	208.585	208.492	208.548	209.413	209.532	209.413	---	208.035	208.808	208.737	208.858	21
22	208.726	208.580	208.518	208.568	209.388	209.557	209.430	---	208.077	208.788	208.723	208.861	22
23	208.713	208.578	208.522	208.582	209.383	209.548	209.370	---	208.048	208.795	208.742	208.878	23
24	208.730	208.583	208.502	208.597	209.387	209.561	209.388	---	208.012	208.807	208.885	208.880	24
25	208.723	208.554	208.487	208.614	209.381	209.488	209.448	---	208.002	208.873	208.859	208.867	25
26	208.695	208.581	208.500	208.647	209.383	209.488	209.432	---	208.023	208.827	208.768	208.868	26
27	208.701	208.545	208.495	208.650	209.381	209.485	209.385	---	208.058	208.850	208.822	208.865	27
28	208.682	208.527	208.491	208.648	209.413	209.483	209.347	---	208.027	208.862	208.770	208.869	28
29	208.666		208.493	208.665	209.484	209.472	209.350	---	208.058	208.783	208.727	208.880	29
30	208.691		208.498	208.589	209.471	209.458	209.347	---	208.027	208.850	208.719	208.869	30
31	208.657		208.508		209.470		209.338	---		208.895		208.869	31
MEAN	208.745	208.614	208.501	208.563	209.184	209.498	209.413	---	---	208.884	208.782	208.874	MEAN
MAX	208.811	208.673	208.542	208.668	209.471	209.566	209.511	---	---	208.027	208.874	208.716	MAX
MIN	208.657	208.527	208.474	208.478	208.717	209.434	209.338	---	---	208.882	208.710	208.869	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MAXIMUM DAILY, 209.566 ON JUN 23
MINIMUM DAILY, 208.474 ON MAR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 48 55 N
LONG 110 48 40 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

DRAINAGE AREA,
271 000 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LAKE ATHABASCA AT FORT CHIPEWYAN - STATION NO. 07MD001

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	209.872	209.483	209.207	209.181	209.773	209.526	209.300	209.244	209.087	209.021	209.673	209.557	1
2	209.884	209.486	209.224	209.155	209.812	209.540	209.329	209.300	209.016	209.039	209.670	209.556	2
3	209.921	209.488	209.209	209.151	209.852	209.392	209.351	209.389	209.000	209.795	209.659	209.541	3
4	209.950	209.431	209.158	209.140	209.895	209.382	209.416	209.311	208.982	209.840	209.685	209.536	4
5	209.959	209.434	209.115	209.147	209.958	209.435	209.474	209.099	209.042	209.967	209.619	209.539	5
6	209.823	209.443	209.127	209.121	209.984	209.511	209.290	209.295	209.043	209.838	209.610	209.543	6
7	209.838	209.441	209.131	209.137	209.994	209.497	209.307	209.245	208.938	209.828	209.567	209.553	7
8	209.828	209.438	209.132	209.150	209.130	209.416	209.357	209.253	208.933	209.885	209.556	209.566	8
9	209.820	209.417	209.119	209.114	209.085	209.412	209.372	209.213	208.957	209.883	209.586	209.585	9
10	209.597	209.381	209.149	209.188	209.088	209.387	209.378	209.200	208.905	209.829	209.606	209.556	10
11	209.583	209.406	209.198	209.183	209.107	209.418	209.512	209.067	208.953	209.980	209.546	209.565	11
12	209.578	209.402	209.116	209.191	209.120	209.402	209.419	209.102	208.991	209.827	209.560	209.588	12
13	209.585	209.386	209.062	209.181	209.107	209.430	209.347	209.084	209.020	209.819	209.543	209.651	13
14	209.581	209.425	209.092	209.196	209.208	209.405	209.378	209.172	208.952	209.818	209.544	209.658	14
15	209.571	209.386	209.139	209.212	209.194	209.478	209.282	209.148	208.888	209.919	209.588	209.651	15
16	209.556	209.368	209.187	209.277	209.328	209.434	209.291	209.172	208.936	209.798	209.634	209.635	16
17	209.548	209.361	209.141	209.318	209.295	209.448	209.389	209.102	208.784	209.838	209.606	209.633	17
18	209.536	209.391	209.133	209.368	209.251	209.457	209.334	209.111	208.908	209.851	209.604	209.641	18
19	209.527	209.346	209.183	209.406	209.295	209.486	209.499	209.085	208.835	209.890	209.612	209.629	19
20	209.536	209.317	209.185	209.459	209.293	209.536	209.536	209.085	208.814	209.877	209.609	209.633	20
21	209.509	209.364	209.134	209.472	209.478	209.531	209.793	209.195	208.907	209.713	209.605	209.652	21
22	209.497	209.299	209.174	209.515	209.384	209.605	209.748	209.082	208.932	209.698	209.607	209.636	22
23	209.474	209.338	209.167	209.554	209.330	209.680	209.801	209.085	208.911	209.730	209.615	209.610	23
24	209.500	209.304	209.167	209.585	209.362	209.623	209.641	209.090	208.884	---	209.630	209.593	24
25	209.497	209.290	209.132	209.619	209.350	209.498	209.673	209.112	208.874	---	209.640	209.627	25
26	209.481	209.295	209.191	209.669	209.384	209.488	209.589	209.020	208.903	209.668	209.648	209.641	26
27	209.472	209.267	209.171	209.678	209.397	209.385	209.414	208.993	208.838	209.758	209.651	209.627	27
28	209.484	209.224	209.171	209.682	209.393	209.420	209.359	209.042	208.822	209.810	209.649	209.632	28
29	209.497		209.192	209.704	209.480	209.464	209.320	209.090	208.780	209.820	209.652	209.601	29
30	209.487		209.189	209.731	209.497	209.410	209.313	209.123	208.688	209.823	209.555	209.609	30
31	209.483		209.203		209.484		209.287	209.021		209.839		209.593	31
MEAN	209.554	209.373	209.153	209.348	209.211	209.470	209.442	209.139	208.916	---	209.614	209.640	MEAN
MAX	209.884	209.483	209.224	209.731	209.497	209.680	209.835	209.389	209.042	---	209.673	209.668	MAX
MIN	209.483	209.224	209.062	209.114	208.773	209.382	209.280	208.993	208.780	---	209.543	209.593	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MAXIMUM DAILY, 209.835 ON JUL 30
MINIMUM DAILY, 208.062 ON MAR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 42 40 N
LONG 111 08 50 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

DRAINAGE AREA,
271 000 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE CLAIRE NEAR OUTLET TO PRAIRIE RIVER - STATION NO. 07XF003

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	209.188	209.080	209.032	209.418	209.706	209.583	209.288	209.144	209.983	---	209.877	1
2	209.189	209.188	209.080	209.030	209.439	209.682	209.550	209.239	209.089	209.951	---	209.878	2
3	209.171	209.186	209.080	209.028	209.481	209.752	209.529	209.238	209.085	209.941	---	209.881	3
4	209.180	209.182	209.047	209.023	209.489	209.747	209.503	209.240	209.050	209.891	---	209.884	4
5	209.180	209.180	209.083	209.020	209.514	209.742	209.478	209.407	209.082	209.859	---	209.878	5
6	209.180	209.149	209.078	209.018	209.544	209.732	209.529	209.329	209.119	209.932	---	209.874	6
7	209.181	209.148	209.080	209.017	209.588	209.726	209.572	209.232	209.082	209.950	---	209.873	7
8	209.181	209.140	209.080	209.015	209.572	209.714	209.496	209.208	209.010	209.917	---	209.889	8
9	209.180	209.143	209.078	209.012	209.617	209.686	209.484	209.224	208.982	209.884	---	209.886	9
10	209.184	209.137	209.077	209.011	209.666	209.697	209.436	209.209	208.988	209.911	---	209.881	10
11	209.188	209.134	209.078	209.007	209.687	209.677	209.387	209.209	208.985	209.854	---	209.889	11
12	209.185	209.130	209.072	209.012	209.706	209.676	209.437	209.278	208.985	209.990	---	209.888	12
13	209.186	209.132	209.072	209.024	209.715	209.674	209.304	209.287	208.901	209.934	---	209.853	13
14	209.186	209.127	209.070	209.053	209.747	209.677	209.212	209.186	208.997	209.874	209.918	209.856	14
15	209.184	209.128	209.070	209.077	209.738	209.656	209.310	209.190	209.015	209.837	209.921	209.857	15
16	209.184	209.124	209.073	209.105	209.744	209.682	209.244	209.183	209.068	209.778	209.924	209.858	16
17	209.182	209.123	209.088	209.144	209.778	209.624	209.184	209.114	209.204	209.877	209.920	209.880	17
18	209.178	209.121	209.088	209.286	---	209.604	209.208	209.127	209.004	209.986	209.915	209.894	18
19	209.182	209.117	209.084	209.278	---	209.600	209.430	209.161	208.974	209.786	209.917	209.858	19
20	209.182	209.116	209.084	209.279	---	209.585	---	209.151	208.942	209.024	209.909	209.883	20
21	209.183	---	209.082	209.283	---	209.558	---	209.137	208.881	208.873	209.901	209.887	21
22	209.181	---	209.083	209.298	---	209.514	---	209.104	208.938	208.888	209.891	209.888	22
23	209.178	---	209.084	209.311	---	209.487	---	209.127	208.921	208.923	209.880	209.887	23
24	209.178	---	209.084	209.321	---	209.488	---	209.107	208.863	208.920	209.883	209.887	24
25	209.183	---	209.050	209.334	209.782	209.550	---	209.139	208.928	208.938	209.882	209.887	25
26	209.178	---	209.048	209.342	209.782	209.518	---	209.280	208.944	208.923	209.882	209.887	26
27	209.173	209.088	209.044	209.354	209.815	209.531	---	209.113	208.987	208.881	209.881	209.884	27
28	209.171	209.090	209.041	209.368	209.789	209.542	---	209.071	208.923	208.932	209.880	209.885	28
29	209.178		209.038	209.383	209.751	209.523	---	209.080	208.814	208.917	209.877	209.884	29
30	209.177		209.038	209.398	209.788	209.538	---	209.080	208.914	---	209.878	209.884	30
31	209.178		209.036		209.788		---	209.088		---		209.885	31
MEAN	---	---	209.067	209.183	---	209.636	---	209.184	208.999	---	---	209.886	MEAN
MAX	---	---	209.090	209.398	---	209.782	---	209.407	209.206	---	---	209.894	MAX
MIN	---	---	209.036	209.007	---	209.487	---	209.080	208.901	---	---	209.853	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 38 00 N
LONG 111 41 50 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LAKE MINNEWANKA NEAR BANFF - STATION NO. 05BB003

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1469.38	1469.23	1468.31	1467.52	1467.83	1469.04	1470.11	1469.20	1468.74	1469.29	1469.90	1469.61	1
2	1469.38	1469.20	1468.28	1467.55	1467.85	1469.11	1470.14	1469.17	1468.71	1469.29	1469.90	1469.61	2
3	1469.41	1469.14	1468.25	1467.52	1467.86	1469.17	1470.20	1469.06	1468.65	1469.32	1469.93	1469.78	3
4	1469.41	1469.11	1468.22	1467.55	1467.88	1469.23	1470.26	1469.01	1468.62	1469.38	1469.95	1469.78	4
5	1469.41	1469.08	1468.19	1467.55	1467.88	1469.26	1470.29	1468.95	1468.56	1469.41	1469.96	1469.78	5
6	1469.41	1469.04	1468.16	1467.55	1467.89	1469.32	1470.29	1468.92	1468.50	1469.41	1469.96	1469.78	6
7	1469.44	1469.01	1468.13	1467.58	1467.89	1469.38	1470.29	1468.86	1468.43	1469.47	1469.99	1469.78	7
8	1469.44	1468.98	1468.10	1467.58	1467.89	1469.47	1470.29	1468.80	1468.40	1469.47	1469.99	1469.78	8
9	1469.44	1468.95	1468.07	1467.61	1467.92	1469.50	1470.32	1468.71	1468.34	1469.47	1469.96	1469.78	9
10	1469.44	1468.92	1468.04	1467.61	1467.92	1469.53	1470.32	1468.62	1468.34	1469.50	1469.96	1469.78	10
11	1469.44	1468.86	1468.01	1467.61	1467.95	1469.56	1470.29	1468.62	1468.31	1469.53	1469.93	1469.78	11
12	1469.44	1468.83	1467.92	1467.64	1467.95	1469.62	1470.23	1468.59	1468.43	1469.56	1469.96	1469.78	12
13	1469.47	1468.83	1467.92	1467.64	1467.95	1469.68	1470.20	1468.53	1468.43	1469.56	1469.96	1469.78	13
14	1469.47	1468.77	1467.86	1467.67	1467.98	1469.75	1470.17	1468.47	1468.53	1469.56	1469.99	1469.72	14
15	1469.47	1468.74	1467.83	1467.67	1468.01	1469.78	1470.14	1468.47	1468.62	1469.59	1469.99	1469.68	15
16	1469.47	1468.71	1467.79	1467.70	1468.01	1469.84	1470.08	1468.40	1468.77	1469.62	1470.02	1469.62	16
17	1469.50	1468.68	1467.79	1467.70	1468.04	1469.93	1470.05	1468.40	1468.80	1469.62	1469.99	1469.55	17
18	1469.50	1468.65	1467.76	1467.70	1468.10	1469.96	1470.02	1468.40	1468.86	1469.65	1469.99	1469.50	18
19	1469.50	1468.62	1467.73	1467.73	1468.16	1470.02	1469.96	1468.37	1468.92	1469.65	1469.99	1469.44	19
20	1469.50	1468.59	1467.70	1467.73	1468.19	1470.08	1469.90	1468.40	1468.95	1469.68	1469.99	1469.38	20
21	1469.53	1468.56	1467.67	1467.73	1468.26	1470.14	1469.84	1468.43	1469.01	1469.72	1469.96	1469.35	21
22	1469.53	1468.53	1467.64	1467.73	1468.34	1470.17	1469.81	1468.50	1469.04	1469.72	1469.93	1469.32	22
23	1469.53	1468.53	1467.61	1467.76	1468.40	1470.20	1469.75	1468.53	1469.08	1469.72	1469.90	1469.32	23
24	1469.50	1468.50	1467.58	1467.76	1468.50	1470.26	1469.68	1468.59	1469.11	1469.75	1469.90	1469.32	24
25	1469.47	1468.47	1467.55	1467.76	1468.62	1470.23	1469.62	1468.62	1469.14	1469.78	1469.87	1469.32	25
26	1469.44	1468.43	1467.55	1467.76	1468.68	1470.30	1469.56	1468.68	1469.17	1469.78	1469.87	1469.32	26
27	1469.41	1468.37	1467.52	1467.79	1468.74	1470.14	1469.50	1468.71	1469.20	1469.84	1469.84	1469.35	27
28	1469.38	1468.34	1467.52	1467.83	1468.80	1470.08	1469.44	1468.74	1469.23	1469.84	1469.84	1469.35	28
29	1469.32		1467.49	1467.83	1468.80	1470.05	1469.38	1468.77	1469.26	1469.87	1469.84	1469.35	29
30	1469.29		1467.52	1467.83	1468.83	1470.05	1469.32	1468.80	1469.26	1469.87	1469.81	1469.35	30
31	1469.26		1467.52		1468.98		1469.26	1468.77		1469.87		1469.32	31
MEAN	1469.44	1468.77	1467.85	1467.67	1468.20	1469.76	1469.96	1468.68	1468.78	1469.61	1469.94	1469.57	MEAN
MAX	1469.53	1469.23	1468.31	1467.83	1468.98	1470.26	1470.26	1469.20	1469.26	1469.87	1470.02	1469.81	MAX
MIN	1469.26	1468.34	1467.49	1467.52	1467.83	1469.04	1469.26	1468.37	1468.31	1469.29	1469.81	1469.32	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1985

MEAN, 1469.02
MAXIMUM DAILY, 1470.26 ON JUL 7
MINIMUM DAILY, 1467.49 ON MAR 29

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 15 10 N
LONG 115 29 10 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
847 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE SHERBURNE - STATION NO. 05AE038

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1452.942	1453.224	1453.472	1452.092	1445.261	1451.107	1457.557	1453.884	1445.215	1443.743	1448.691	1451.905	1
2	1452.963	1453.235	1453.481	1451.886	1445.288	1451.473	1457.535	1453.735	1445.005	1443.888	1449.047	1451.938	2
3	1452.994	1453.238	1453.478	1451.518	1445.450	1451.783	1457.517	1453.476	1444.885	1443.999	1449.230	1452.000	3
4	1453.015	1453.250	1453.494	1451.363	1445.888	1452.069	1457.489	1453.218	1444.722	1444.127	1449.547	1452.034	4
5	1453.012	1453.259	1453.500	1451.092	1445.822	1452.357	1457.498	1452.989	1444.603	1444.249	1449.952	1452.055	5
6	1453.033	1453.265	1453.515	1450.818	1445.999	1452.643	1457.493	1452.759	1444.627	1444.395	1450.288	1452.070	6
7	1453.036	1453.268	1453.521	1450.537	1446.172	1453.171	1457.514	1452.549	1444.645	1444.517	1450.455	1452.089	7
8	1453.195	1453.280	1453.524	1450.289	1446.288	1454.009	1457.599	1452.314	1444.621	1444.606	1450.519	1452.104	8
9	1453.052	1453.292	1453.530	1450.010	1446.275	1454.548	1457.706	1452.098	1444.359	1444.703	1450.744	1452.125	9
10	1453.061	1453.314	1453.536	1449.781	1446.188	1454.850	1457.813	1451.883	1443.858	1444.801	1450.868	1452.143	10
11	1453.073	1453.347	1453.552	1449.552	1446.078	1455.073	1457.913	1451.637	1443.480	1444.898	1450.942	1452.188	11
12	1453.082	1453.360	1453.558	1449.388	1445.959	1455.313	1457.928	1451.394	1443.530	1444.995	1451.031	1452.189	12
13	1453.094	1453.357	1453.558	1449.214	1445.881	1455.546	1457.731	1451.150	1443.554	1445.087	1451.119	1452.204	13
14	1453.110	1453.369	1453.542	1449.010	1445.752	1455.792	1457.588	1450.891	1443.538	1445.181	1451.217	1452.226	14
15	1453.104	1453.372	1453.527	1448.780	1445.590	1456.014	1457.306	1450.644	1443.845	1445.331	1451.261	1452.263	15
16	1453.119	1453.372	1453.515	1448.507	1445.471	1456.231	1457.121	1450.413	1443.350	1445.544	1451.339	1452.259	16
17	1453.125	1453.376	1453.488	1448.272	1445.429	1456.428	1457.005	1450.171	1443.100	1445.788	1451.317	1452.264	17
18	1453.137	1453.387	1453.438	1448.023	1445.432	1456.809	1456.917	1449.937	1442.788	1445.985	1451.439	1452.269	18
19	1453.136	1453.393	1453.408	1447.770	1445.498	1456.792	1456.788	1449.838	1442.621	1446.184	1451.485	1452.317	19
20	1453.137	1453.402	1453.380	1447.544	1445.639	1456.985	1456.827	1449.276	1442.408	1446.319	1451.540	1452.3298	20
21	1453.152	1453.408	1453.378	1447.282	1445.866	1457.187	1456.428	1448.880	1442.367	1446.471	1451.570	1452.343	21
22	1453.154	1453.417	1453.350	1447.032	1446.322	1457.310	1456.218	1448.622	1442.344	1446.623	1451.613	1452.354	22
23	1453.183	1453.424	1453.317	1446.785	1446.937	1457.438	1455.986	1448.321	1442.385	1446.778	1451.654	1452.366	23
24	1453.198	1453.426	1453.267	1446.428	1447.526	1457.654	1455.780	1447.980	1442.573	1446.963	1451.674	1452.378	24
25	1453.201	1453.451	1453.118	1446.182	1446.151	1457.845	1455.533	1447.638	1442.758	1447.227	1451.711	1452.390	25
26	1453.204	1453.454	1453.079	1445.804	1446.733	1457.887	1455.313	1447.294	1442.895	1447.520	1451.744	1452.395	26
27	1453.210	1453.459	1452.838	1445.506	1446.172	1457.703	1455.087	1446.947	1442.103	1447.624	1451.781	1452.409	27
28	1453.216	1453.469	1452.588	1445.444	1446.531	1457.589	1454.874	1446.589	1443.283	1448.105	1451.814	1452.433	28
29	1453.213		1452.540	1445.331	1446.638	1457.512	1454.667	1446.246	1443.438	1448.233	1451.839	1452.442	29
30	1453.216		1452.402	1445.279	1450.268	1457.578	1454.451	1445.904	1443.927	1448.650	1451.889	1452.448	30
31	1453.222		1452.263		1450.705		1454.247	1445.544		1448.730		1452.4602	31
MEAN	1453.118	1453.383	1453.294	1448.849	1448.715	1456.472	1455.687	1450.134	1443.570	1445.852	1450.988	1452.239	MEAN
MAX	1453.222	1453.469	1453.558	1452.092	1450.705	1457.703	1457.928	1453.884	1445.215	1448.730	1451.889	1452.460	MAX
MIN	1452.942	1453.224	1452.263	1445.279	1445.261	1451.107	1454.247	1445.544	1442.344	1443.743	1448.691	1451.905	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1985

MEAN, 1450.633
MAXIMUM DAILY, 1457.928 ON JUL 12
MINIMUM DAILY, 1442.344 ON SEP 22
MAXIMUM INSTANTANEOUS,
1457.950 AT 17:00 MST ON JUL 12

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 43 N
LONG 113 31 16 W

E - ESTIMATED

REGULATED

DRAINAGE AREA,
197 km²

WATER LEVELS ARE REFERRED TO UNITED STATES RECLAMATION SERVICE DATUM
APPLY 2.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LALBY CREEK NEAR GIRDWOOD - STATION NO. 07SJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.6748	0.180	0.082	0.038	0.008	0	0.081	---	---	1
2	---	---	0 B	0.7488	0.168	0.081	0.042	0.007	0	0.089	---	---	2
3	---	---	0 B	0.8688	0.150	0.085	0.044	0.006	0	0.083	---	---	3
4	---	---	0 B	1.19	0.140	0.077	0.038	0.006	0	0.082	---	---	4
5	---	---	0 B	5.80	0.140	0.087	0.036	0.005	0	0.080	---	---	5
6	---	---	0 B	9.44	0.107	0.089	0.039	0.004	0	0.057	---	---	6
7	---	---	0 B	8.28	0.109	0.093	0.024	0.003	0	0.057	---	---	7
8	---	---	0 B	6.13	0.115	0.076	0.022	0.003	0	0.053	---	---	8
9	---	---	0 B	5.03	0.121	0.059	0.021	0.003	0	0.054	---	---	9
10	---	---	0 B	4.62	0.107	0.051	0.017	0.003	0	0.052	---	---	10
11	---	---	0 B	3.05	0.086	0.052	0.014	0.003	0	0.054	---	---	11
12	---	---	0 B	0.894	0.090	0.054	0.011	0.003	0	0.070	---	---	12
13	---	---	0 B	1.01	0.100	0.051	0.011	0.003	0	0.081	---	---	13
14	---	---	0 B	1.03	0.093	0.048	0.010	0.004	0.001	0.084	---	---	14
15	---	---	0 B	0.908	0.093	0.048	0.011	0.006	0.004	0.082	---	---	15
16	---	---	0 B	0.803	0.090	0.035	0.013	0.006	0.005	0.088	---	---	16
17	---	---	0 B	0.348	0.095	0.039	0.012	0.005	0.005	0.094	---	---	17
18	---	---	0 B	0.270	0.083	0.037	0.011	0.006	0.005	0.093	---	---	18
19	---	---	0 B	0.238	0.075	0.034	0.010	0.005	0.004	0.093	---	---	19
20	---	---	0 B	0.234	0.065	0.023	0.009	0.005	0.004	0.092	---	---	20
21	---	---	0 B	0.222	0.057	0.031	0.008	0.005	0.012	0.091	---	---	21
22	---	---	0 B	0.198	0.055	0.024	0.007	0.004	0.053	0.093	---	---	22
23	---	---	0.0018	0.301	0.058	0.023	0.006	0.004	0.058	0.090	---	---	23
24	---	---	0.0058	0.383	0.071	0.031	0.005	0.003	0.068	0.089	---	---	24
25	---	---	0.0208	0.385	0.084	0.014	0.006	0.003	0.070	0.0738	---	---	25
26	---	---	0.0248	0.387	0.085	0.021	0.007	0.002	0.074	0.0538	---	---	26
27	---	---	0.0278	0.408	0.096	0.024	0.008	0.002	0.070	0.0368	---	---	27
28	---	---	0.0308	0.281	0.056	0.028	0.009	0.001	0.070	0.0218	---	---	28
29	---		0.0348	0.212	0.063	0.028	0.012	0.001	0.055	0.0188	---	---	29
30	---		0.0688	0.165	0.080	0.040	0.010	0	0.064	0.0208	---	---	30
31	---		0.1288		0.096		0.009	0		0.0228		---	31
TOTAL	---	---	0.333	58.389	3.052	1.438	0.515	0.131	0.853	3.015	---	---	TOTAL
MEAN	---	---	0.011	1.95	0.098	0.048	0.017	0.004	0.022	0.085	---	---	MEAN
MAX	---	---	0.128	9.44	0.180	0.093	0.044	0.008	0.074	0.094	---	---	MAX
MIN	---	---	0	0.165	0.055	0.014	0.008	0	0	0.018	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.271
MAXIMUM DAILY, 9.44 ON APR 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
12.2 AT 03:00 MST ON APR 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 47 39 N
LONG 117 20 10 W
DRAINAGE AREA, 180 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	44.5
FEB	---	AUG	10.5
MAR	28.8	SEP	58.4
APR 5 040		OCT	174.
MAY	284	NOV	---
JUN	124	DEC	---

TOTAL DISCHARGE, 5 740 dam³

LATERAL TO SPILLWAY NEAR CHIN - STATION NO. 05AG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.092	0.255	0.216	0	0.001	0.002	---	1
2	---	---	---	---	0.001	0.102	0.257	0.213	0	0.001	0.009	---	2
3	---	---	---	---	0	0.097	0.318	0.394	0.073	0.081	0.007	---	3
4	---	---	---	---	0	0.048	0.112	0.355	0.133	0.050	0.008	---	4
5	---	---	---	---	0	0.025	0.113	0.307	0.142	0.080	0.011	---	5
6	---	---	---	---	0	0.059	0.141	0.388	0.180	0.084	0 A	---	6
7	---	---	---	---	0	0.141	0.188	0.384	0.094	0.074	---	---	7
8	---	---	---	---	0.001	0.198	0.238	0.297	0.003	0.087	---	---	8
9	---	---	---	---	0	0.183	0.208	0.305	0.003	0.105	---	---	9
10	---	---	---	---	0	0.208	0.137	0.288	0.001	0.144	---	---	10
11	---	---	---	---	0	0.178	0.170	0.333	0.001	0.020	---	---	11
12	---	---	---	---	0.005	0.148	0.128	0.336	0.025	0.004	---	---	12
13	---	---	---	---	0.002	0.216	0.243	0.230	0.047	0.002	---	---	13
14	---	---	---	---	0.001	0.277	0.278	0.157	0.010	0.002	---	---	14
15	---	---	---	---	0.001	0.138	0.224	0.230	0.006	0.002	---	---	15
16	---	---	---	---	0.001	0.178	0.184	0.183	0.004	0.002	---	---	16
17	---	---	---	---	0.001	0.128	0.230	0.110	0.003	0.002	---	---	17
18	---	---	---	0 A	0	0.280	0.213	0.135	0.002	0.002	---	---	18
19	---	---	---	0	0	0.334	0.210	0.110	0.003	0.002	---	---	19
20	---	---	---	0.008	0	0.330	0.175	0.080	0.002	0.002	---	---	20
21	---	---	---	0.002	0	0.335	0.345	0.075	0.001	0.002	---	---	21
22	---	---	---	0.002	0	0.192	0.350	0.067	0.001	0.002	---	---	22
23	---	---	---	0.001	0	0.184	0.395	0.040	0.001	0.002	---	---	23
24	---	---	---	0.001	0	0.263	0.393	0.008	0.001	0.001	---	---	24
25	---	---	---	0.002	0.001	0.234	0.410	0.003	0.001	0.001	---	---	25
26	---	---	---	0.004	0.001	0.330	0.282	0.002	0.001	0.001	---	---	26
27	---	---	---	0.002	0.001	0.293	0.195	0.001	0.001	0.001	---	---	27
28	---	---	---	0.001	0.030	0.317	0.312	0.001	0.001	0.001	---	---	28
29	---		---	0	0.030	0.333	0.388	0.001	0.001	0.001	---	---	29
30	---		---	0	0.088	0.378	0.184	0	0.001	0.001	---	---	30
31	---		---		0.138		0.324	0		0		---	31
TOTAL	---	---	---	---	0.305	5.789	7.468	5.088	0.719	5.780	---	---	TOTAL
MEAN	---	---	---	---	0.010	0.193	0.240	0.164	0.024	0.033	---	---	MEAN
MAX	---	---	---	---	0.138	0.336	0.410	0.389	0.180	0.144	---	---	MAX
MIN	---	---	---	---	0	0.025	0.112	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.109
MAXIMUM DAILY, 0.410 ON JUL 25
MINIMUM DAILY, 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 36 N
LONG 112 25 48 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	644
FEB	---	AUG	440
MAR	---	SEP	93.1
APR	---	OCT	99.6
MAY	29.7	NOV	---
JUN	600	DEC	---

TOTAL DISCHARGE, 1 730 dam³

LEE CREEK (EAST BRANCH) NEAR BEAZER - STATION NO. 05AB040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.744	0.184	0.037	0.050	0.411	---	---	1
2	---	---	---	---	---	0.700	0.173	0.038	0.050	0.428	---	---	2
3	---	---	---	---	---	0.604	0.182	0.037	0.053	0.422	---	---	3
4	---	---	---	---	---	0.647	0.180	0.038	0.050	0.456	---	---	4
5	---	---	---	---	---	0.623	0.158	0.034	0.064	0.432	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	0.523	0.123	0.035	0.113	0.475	---	---	7
8	---	---	---	---	---	0.585	0.117	0.035	0.138	0.588	---	---	8
9	---	---	---	---	---	0.650	0.110	0.035	0.117	0.547	---	---	9
10	---	---	---	---	---	0.535	0.102	0.043	0.102	0.590	---	---	10
11	---	---	---	---	---	0.488	0.085	0.075	0.101	0.530	---	---	11
12	---	---	---	---	---	0.475	0.080	0.140	0.306	0.554	---	---	12
13	---	---	---	---	---	0.462	0.077	0.170	0.258	0.541	---	---	13
14	---	---	---	---	---	0.418	0.076	0.188	0.401	0.539	---	---	14
15	---	---	---	---	---	0.401	0.083	0.107	0.252	0.555	---	---	15
16	---	---	---	---	---	0.382	0.084	0.178	0.228	0.760	---	---	16
17	---	---	---	---	---	0.355	0.080	0.330	0.193	0.825	---	---	17
18	---	---	---	---	---	0.343	0.078	0.175	0.238	0.805	---	---	18
19	---	---	---	---	---	0.313	0.083	0.130	0.305	0.782	---	---	19
20	---	---	---	---	---	0.317	0.079	0.085	0.218	0.735	---	---	20
21	---	---	---	---	---	0.371	0.070	0.088	0.303	0.889	---	---	21
22	---	---	---	---	---	0.438	0.080	0.088	0.381	0.702	---	---	22
23	---	---	---	---	---	0.338	0.088	0.071	0.080	0.683	---	---	23
24	---	---	---	---	---	0.305	0.073	0.072	0.383	0.670	---	---	24
25	---	---	---	---	---	0.281	0.088	0.073	0.393	0.680	---	---	25
26	---	---	---	---	---	0.288	0.058	0.068	0.389	0.788	---	---	26
27	---	---	---	---	---	0.283	0.080	0.068	0.431	0.772	---	---	27
28	---	---	---	---	---	0.308	0.087	0.051	0.472	0.707	---	---	28
29	---		---	---	---	0.332	0.068	0.058	0.488	0.8036	---	---	29
30	---		---	---	0.8184	0.318	0.068	0.083	0.485	0.8302	---	---	30
31	---		---	---	1.11	0.187	0.062	0.050	0.389	0.8302	---	---	31
					0.889		0.038	0.050		0.8302			
TOTAL	---	---	---	---	---	13.864	3.738	3.590	6.134	19.038	---	---	TOTAL
MEAN	---	---	---	---	---	0.418	0.088	0.084	0.271	0.820	---	---	MEAN
MAX	---	---	---	---	---	0.744	0.184	0.330	0.500	0.829	---	---	MAX
MIN	---	---	---	---	---	0.187	0.038	0.034	0.050	0.411	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.11 ON MAY 30

MAXIMUM INSTANTANEOUS,
1.35 AT 10:30 MST ON MAY 30

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 50 N
LONG 113 33 30 W
DRAINAGE AREA, 37.8 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	238
FEB	---	AUG	224
MAR	---	SEP	703
APR	---	OCT	1 830
MAY	---	NOV	---
JUN	1 080	DEC	---

LEE CREEK AT BEAZER - STATION NO. 05AB037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.90E	2.68	3.11	0.880	0.251	0.368	1.85	---	---	1
2	---	---	---	1.80E	2.87	2.88	0.831	0.248	0.358	1.71	---	---	2
3	---	---	---	1.80E	3.18	3.37	0.870	0.243	0.363	1.80	---	---	3
4	---	---	---	1.90E	3.10	3.08	0.857	0.238	0.395	1.81	---	---	4
5	---	---	---	1.80E	2.40	1.87	0.830	0.248	0.408	1.78	---	---	5
6	---	---	---	1.90E	2.08	1.78	0.818	0.254	0.818	2.05	---	---	6
7	---	---	---	1.80E	2.01	1.73	0.808	0.269	0.844	1.78	---	---	7
8	---	---	---	1.80E	1.88	2.18	0.870	0.250	0.821	2.18	---	---	8
9	---	---	---	1.80E	1.85	1.85	0.885	0.278	0.883	2.08	---	---	9
10	---	---	---	1.90E	1.74	1.87	0.842	0.308	0.732	1.88	---	---	10
11	---	---	---	1.90E	1.88	1.83	0.818	0.488	0.778	2.18	---	---	11
12	---	---	---	1.81A	1.83	1.48	0.383	0.882	3.77	2.28	---	---	12
13	---	---	---	2.18	1.43	1.43	0.287	0.673	2.88	2.12	---	---	13
14	---	---	---	2.80	1.38	1.29	0.304	0.482	1.48	2.08	---	---	14
15	---	---	---	2.87	1.81	1.34	0.278	0.813	1.11	2.88	---	---	15
16	---	---	---	1.80	1.88	1.33	0.383	1.27	0.858	3.83	---	---	16
17	---	---	---	2.01	1.42	1.18	0.388	0.880	0.878	3.83	---	---	17
18	---	---	---	2.08	1.88	1.09	0.388	0.832	1.48	3.83	---	---	18
19	---	---	---	1.83	1.81	1.01	0.380	0.818	1.87	3.78	---	---	19
20	---	---	---	1.83	1.88	1.19	0.338	0.873	1.38	3.78	---	---	20
21	---	---	---	1.48	1.87	1.88	0.318	0.488	1.88	3.87	---	---	21
22	---	---	---	1.23	1.81	1.18	0.388	0.883	1.77	3.88	---	---	22
23	---	---	---	1.18	1.48	0.878	0.388	0.482	1.78	3.48	---	---	23
24	---	---	---	1.08	1.83	0.817	0.338	0.482	1.88	3.38	---	---	24
25	---	---	---	1.88	1.88	0.888	0.388	0.878	1.78	3.81	---	---	25
26	---	---	---	1.81	3.28	0.838	0.371	0.388	1.78	3.88	---	---	26
27	---	---	---	1.18	1.88	0.787	0.383	0.878	2.18	3.46	---	---	27
28	---	---	---	2.27	1.88	0.783	0.384	0.873	1.88	3.48A	---	---	28
29	---		---	3.88	1.88	0.738	0.382	0.883	1.78	3.88E	---	---	29
30	---		---	3.87	3.38	0.888	0.382	0.888	1.87	3.88E	---	---	30
31	---		---		3.18		0.384	0.348		3.88E		---	31
TOTAL	---	---	---	51.88	80.88	43.818	12.178	13.438	37.343	93.18	---	---	TOTAL
MEAN	---	---	---	1.78	1.88	1.48	0.383	0.433	1.24	3.88	---	---	MEAN
MAX	---	---	---	3.88	3.38	3.11	0.888	1.27	3.77	3.83	---	---	MAX
MIN	---	---	---	1.88	1.38	0.888	0.383	0.338	0.348	1.88	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 3.83 ON OCT 18
MINIMUM DAILY, 0.338 ON AUG 4
MAXIMUM INSTANTANEOUS,
4.42 AT 13:30 MST ON SEP 12

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 45 N
LONG 113 29 00 W
DRAINAGE AREA, 175 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 080
FEB	---	AUG	1 100
MAR	---	SEP	3 230
APR	4 610	OCT	8 230
MAY	8 230	NOV	---
JUN	3 750	DEC	---

TOTAL DISCHARGE, 30 750 dam³

LEE CREEK AT CARDSTON - STATION NO. 05AE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1020	0.0700	0.2400	1.07 A	2.48	2.82	0.618	0.160	0.388	1.62	2.15	0.9700	1
2	0.1060	0.0750	0.2300	1.70 A	2.46	2.67	0.551	0.133	0.397	1.57	2.06	0.9900	2
3	0.1120	0.0840	0.2150	1.60 A	2.59	2.46	0.470	0.167	0.360	1.72	2.02	0.9800	3
4	0.1170	0.0920	0.2000	1.32 A	2.66	2.13	0.425	0.166	0.302	1.74	2.04	0.9600	4
5	0.1160	0.0940	0.1800	1.10 A	2.37	1.82	0.410	0.150	0.400	1.98	2.00 B	0.9280	5
6	0.1100	0.0900	0.1600	1.15 E	2.18	1.70	0.372	0.139	1.07	2.06	1.84 B	1.03 B	6
7	0.1000	0.0780	0.1400	1.20 A	1.94	1.72	0.328	0.151	1.10 E	1.858	1.67 B	1.09 B	7
8	0.0900	0.0660	0.1500	0.761A	1.88	2.13	0.283	0.151	1.25 E	1.848	1.34 B	0.9008	8
9	0.0830	0.0600	0.1500	1.03 A	1.80	1.88	0.291	0.190	1.50 E	1.580	0.9508	0.8788	9
10	0.0810	0.0200	0.1528	1.27 A	1.88	1.78	0.261	0.231	1.75 E	1.93	1.00 B	0.3508	10
11	0.0800	0.0210	0.1600	1.75 E	1.80	1.70	0.216	0.329	2.50 E	2.38	1.10 B	0.3208	11
12	0.0960	0.0228	0.1700	2.12 A	1.83	1.81	0.234	0.654	4.62 A	2.46	1.20 B	0.3700	12
13	0.1000	0.0300	0.1650	2.72 A	1.68	1.82	0.221	0.896	3.22	2.25	1.30 B	0.8008	13
14	0.1020	0.0900	0.2050	3.66 A	1.66	1.61	0.231	0.695	1.63	2.07	1.29 B	1.11 B	14
15	0.1040	0.0800	1.27 B	3.27 A	1.62	1.68	0.208	0.813	1.31	2.18	1.28 B	1.05 B	15
16	0.1020	0.1000	2.24 B	2.30 A	1.62	1.33	0.235	1.67	1.05	3.58	1.27 B	0.8588	16
17	0.1020	0.1200	2.82 B	2.21 E	1.67	1.24	0.239	1.39	0.984	3.79	1.26 B	0.9840	17
18	0.1000	0.1458	3.41 B	2.26 E	1.69	1.18	0.231	0.898	1.37	3.05	1.25 B	0.8188	18
19	0.0858	0.1708	3.00 B	2.21 E	1.62	1.03	0.302	0.734	1.48	2.71	1.24 B	0.4368	19
20	0.1000	0.1958	2.40 B	2.16 A	1.54	1.10	0.240	0.797	1.47	2.72	1.23 B	0.4208	20
21	0.1100	0.2108	2.30 B	1.96*A	1.53	1.02	0.220	0.885	1.53	2.63	1.20 B	0.4608	21
22	0.1400	0.2300	0.7788	1.02 A	1.57	1.15	0.204	0.892	1.77	2.55	0.7888	0.4008	22
23	0.1808	0.2388	0.8808	1.27 A	1.51	0.887	0.677	0.820	1.74	2.52	0.3588	0.3308	23
24	0.1408	0.2428	0.8868	1.11 A	1.57	0.777	0.611	0.618	1.59	2.36	0.2508	0.2008	24
25	0.1408	0.2458	0.2008	1.42 A	2.00	0.820	0.622	0.362	1.95	2.47	0.3578	0.2658	25
26	0.1308	0.2408	0.2708	1.61 A	2.38	1.06	0.334	0.335	1.98	2.82	0.5888	0.2758	26
27	0.1208	0.2408	0.4008	1.82 B	2.13	0.887	0.224	0.343	1.97	2.56	0.7088	0.2608	27
28	0.1108	0.2478	0.4068	2.48 A	1.88	0.775	0.200	0.318	1.85	2.56	0.6418	0.2758	28
29	0.1008		0.2758	3.10 A	1.95	0.738	0.211	0.286	1.84	2.48	0.6388	0.2858	29
30	0.0888		0.1278	2.64 A	2.78	0.690	0.184	0.261	1.83	2.32	0.5408	0.3108	30
31	0.0688		0.2258		2.86		0.173	0.283		2.26		0.5408	31
TOTAL	3.312	3.537	26.003	54.751	59.26	46.275	9.884	15.852	45.278	72.04	35.418	15.510	TOTAL
MEAN	0.107	0.126	0.774	1.83	1.91	1.46	0.319	0.505	1.51	2.32	1.21	0.829	MEAN
MAX	0.150	0.247	3.41	3.86	2.98	2.82	0.677	1.67	4.62	3.79	2.15	1.11	MAX
MIN	0.068	0.020	0.127	0.761	1.62	0.690	0.184	0.133	0.302	1.58	0.250	0.200	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 4.62A ON SEP 12
MINIMUM DAILY, 0.0200 ON FEB 10
MAXIMUM INSTANTANEOUS,
5.30 AT 17:50 MST ON JUL 23

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 00 N
LONG 113 17 45 W
DRAINAGE AREA, 307 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	288	JUL	855
FEB	306	AUG	1 350
MAR	2 070	SEP	3 910
APR	4 730	OCT	6 220
MAY	5 120	NOV	3 150
JUN	3 830	DEC	1 890

TOTAL DISCHARGE, 33 500 dam³

LEE CREEK BELOW CONFLUENCE OF EAST FORK - STATION NO. 05AE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	3.00	0.775	0.278	0.263	1.31	---	---	1
2	---	---	---	---	---	1.81	0.694	0.235	0.301	1.30	---	---	2
3	---	---	---	---	---	1.77	0.630	0.207	0.302	1.45	---	---	3
4	---	---	---	---	---	1.62	0.586	0.186	0.309	1.40	---	---	4
5	---	---	---	---	---	1.81	0.544	0.068	0.260	1.39	---	---	5
6	---	---	---	---	---	1.48	0.496	0.084	0.433	1.47	---	---	6
7	---	---	---	---	---	1.82	0.460	0.083	0.425	1.36	---	---	7
8	---	---	---	---	---	1.81	0.412	0.104	0.387	1.40	---	---	8
9	---	---	---	---	---	1.84	0.402	0.183	0.813	1.36	---	---	9
10	---	---	---	---	---	1.93	0.383	0.305	0.868	1.62	---	---	10
11	---	---	---	---	---	1.47	0.358	0.598	0.777	1.84	---	---	11
12	---	---	---	---	---	1.38	0.338	0.786	1.07	1.88	---	---	12
13	---	---	---	---	---	1.31	0.340	0.788	1.58	1.87	---	---	13
14	---	---	---	---	---	1.30	0.361	0.463	1.14	1.88	---	---	14
15	---	---	---	---	---	1.21	0.310	0.774	0.810	2.13	---	---	15
16	---	---	---	---	---	1.21	0.268	1.32	0.771	2.74	---	---	16
17	---	---	---	---	1.08A	1.15	0.268	0.837	0.632	2.56	---	---	17
18	---	---	---	---	1.13	1.10	0.334	0.718	1.05	2.25	---	---	18
19	---	---	---	---	1.22	1.08	0.282	0.854	1.00	2.09	---	---	19
20	---	---	---	---	1.26	1.26	0.263	0.801	0.987	2.00	---	---	20
21	---	---	---	---	1.26	1.30	0.233	0.908	1.33	1.98	---	---	21
22	---	---	---	---	1.24	1.08	0.226	0.460	1.19	1.81	---	---	22
23	---	---	---	---	1.23	0.871	0.206	0.464	1.15	1.82	---	---	23
24	---	---	---	---	1.27	0.801	0.287	0.305	1.09	1.84	---	---	24
25	---	---	---	---	1.87	0.830	0.312	0.363	1.17	2.39	---	---	25
26	---	---	---	---	1.80	0.888	0.268	0.340	1.33	2.33	---	---	26
27	---	---	---	---	1.39	0.861	0.269	0.330	1.46	2.08	---	---	27
28	---	---	---	---	1.26	0.872	0.283	0.329	1.28	2.14A	---	---	28
29	---		---	---	1.22	0.760	0.286	0.323	1.22	2.10E	---	---	29
30	---		---	---	2.81	0.778	0.283	0.308	1.24	2.10E	---	---	30
31	---		---		2.12		0.261	0.278		2.10E		---	31
TOTAL	---	---	---	---	---	38.871	11.630	13.332	27.150	59.99	---	---	TOTAL
MEAN	---	---	---	---	---	1.29	0.375	0.427	0.905	1.84	---	---	MEAN
MAX	---	---	---	---	---	2.99	0.775	1.32	1.87	2.74	---	---	MAX
MIN	---	---	---	---	---	0.778	0.223	0.068	0.260	1.39	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.74 ON OCT 16

MAXIMUM INSTANTANEOUS,
3.13 AT 08:40 MST ON SEP 12

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 30 N
LONG 113 02 30 W
DRAINAGE AREA, 84.8 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 000
FEB	---	AUG	1 160
MAR	---	SEP	2 350
APR	---	OCT	4 930
MAY	---	NOV	---
JUN	3 500	DEC	---

LESSER SLAVE LAKE AT FAUST - STATION NO. 07BJ002

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	976.470	976.734	976.722	976.556	976.382	976.386	---	---	1
2	---	---	---	---	976.485	976.732	976.716	976.545	976.373	976.402	---	---	2
3	---	---	---	---	976.495	976.732	976.708	976.537	976.380	976.404	---	---	3
4	---	---	976.241A	---	976.518	976.726	976.716	976.526	976.376	976.414	---	---	4
5	---	---	---	---	976.584	976.712	976.709	976.507	976.420	976.417	---	---	5
6	---	---	---	---	976.594	976.693	976.699	976.514	976.389	976.419	---	---	6
7	---	---	---	---	976.576	976.713	976.690	976.515	976.373	976.418	---	---	7
8	---	---	---	---	976.580	976.702	976.703	976.510	976.383	976.413	---	---	8
9	---	---	---	976.238A	976.605	976.703	976.681	976.493	976.381	976.408	---	---	9
10	---	---	---	976.238	976.617	976.699	976.678	976.486	976.383	976.399	---	---	10
11	---	---	---	976.245	976.628	976.700	976.681	976.476	976.388	976.404	---	---	11
12	---	---	---	976.246	976.638	976.694	976.678	976.474	976.372	976.389	---	---	12
13	---	---	---	976.251	976.684	976.687	976.661	976.466	976.367	976.415	---	---	13
14	---	---	---	976.258	976.689	976.681	976.647	976.473	976.326	976.421	---	---	14
15	---	---	---	976.269	976.673	976.684	976.663	976.471	976.340	976.425	---	---	15
16	---	---	---	976.281	976.680	976.684	976.630	976.485	976.327	976.410	---	---	16
17	---	---	---	976.280	976.690	976.681	976.626	976.472	976.372	976.406	---	---	17
18	---	---	---	976.296	976.693	976.689	976.622	976.471	976.370	976.413	---	---	18
19	---	---	---	976.321	976.700	976.678	976.617	976.462	976.351	976.438	---	---	19
20	---	---	---	976.339	976.703	976.684	976.608	976.448	976.349	976.421	---	---	20
21	---	---	---	976.361	976.710	976.679	976.604	976.438	976.376	976.440	---	---	21
22	---	---	---	976.376	976.714	976.674	976.590	976.432	976.376	976.419	---	---	22
23	---	---	---	976.368	976.728	976.680	976.607	976.425	976.374	976.407	---	---	23
24	---	---	---	976.386	976.722	976.720	976.581	976.440	976.380	976.402	---	---	24
25	---	---	---	976.408	976.724	976.708	976.563	976.429	976.387	976.398	---	---	25
26	---	---	---	976.418	976.728	976.729	976.585	976.411	976.420	976.433	---	---	26
27	---	---	976.206A	976.424	976.728	976.737	976.578	976.426	976.404	976.434	---	---	27
28	---	---	---	976.436	976.738	976.740	976.570	976.432	976.408	976.403A	---	---	28
29	---		---	976.448	976.727	976.744	976.571	976.412	976.414	976.390E	---	---	29
30	---		---	976.458	976.735	976.737	976.584	976.393	976.418	976.380E	---	---	30
31	---		---		976.738		976.583	976.391		976.400E		---	31
MEAN	---	---	---	---	976.551	976.703	976.636	976.487	976.375	976.411	---	---	MEAN
MAX	---	---	---	---	976.738	976.744	976.722	976.556	976.420	976.440	---	---	MAX
MIN	---	---	---	---	976.470	976.684	976.583	976.391	976.324	976.380	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1985

MAXIMUM DAILY, 976.744 ON JUN 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 19 15 N
LONG 115 37 26 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
13 600 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LESSER SLAVE LAKE AT SLAVE LAKE - STATION NO. 07BJ005

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	976.318	---	---	976.210	976.451	976.712	976.681	976.506	976.414	976.453	976.378	976.320	1
2	976.317	---	---	976.226	976.447	976.706	976.668	976.534	976.387	976.443	976.385	976.309	2
3	976.320	---	---	976.216	976.447	976.670	976.702	976.534	976.410	976.490	976.387	976.315	3
4	976.310	---	---	976.217	976.472	976.676	976.688	976.569	976.350	976.410	976.384	976.312	4
5	976.317	---	---	976.225	976.476	976.719	976.694	976.584	976.404	976.478	976.383	976.316	5
6	976.319	---	976.241A	976.224	976.542A	976.705	976.684	976.527	976.378	976.411	976.388	976.315	6
7	976.303	---	976.240	976.210	976.582	976.693	976.669	976.487	976.348	976.415	976.390	976.310	7
8	976.303	---	976.245	976.227	976.618	976.729	976.639	976.488	976.355	976.369	976.384	976.320	8
9	976.291	---	976.244	976.233	976.665	976.713	976.636	976.473	976.320	976.393	976.381	976.316	9
10	976.286	---	976.236	976.236	976.673	976.698	976.622	976.480	976.299	976.444	976.381	976.305	10
11	976.282	---	976.232	976.233	976.666	976.670A	976.635	976.483	976.302	976.417	976.381	976.314	11
12	976.306	---	976.234	976.249	976.646	976.667A	976.678	976.489	976.310	976.424A	976.374	976.304	12
13	976.288	---	976.226	976.263	976.643	976.688	976.643	976.487	976.353	976.284A	976.386	976.302	13
14	976.290	---	976.224	976.278	976.680	976.682	976.630	976.436	976.382	976.276	976.383	976.311	14
15	976.287	---	976.221	976.285	976.672	976.810	976.622	976.482	976.370	976.328	976.389	976.309	15
16	976.289	---	976.218	976.284	976.675	976.783	976.615	976.467	976.484	976.408	976.418	976.304	16
17	976.318	---	976.222	976.289	976.667	976.673	976.603	976.498	976.397	976.419	976.371	976.305	17
18	976.312	---	976.213	976.312	976.662	976.640	976.618	976.420	976.336	976.411	976.362	976.312	18
19	976.306	---	976.213	976.323	976.681	976.686	976.588	976.476	976.342	976.387	976.385	976.300	19
20	976.296	---	976.221	976.367	976.702	976.658	976.570	976.484	976.352	976.414	976.380	976.306	20
21	976.299	---	976.210	976.371	976.710	976.670	976.575	976.432	976.370	976.357	976.382	976.319	21
22	976.297A	---	976.206	976.373	976.720	976.693	976.608	976.431	976.364	976.420	976.380	976.320	22
23	---	---	976.198	976.376	976.710	976.651	976.580	976.440	976.387	976.408	976.383	976.310	23
24	---	---	976.207	976.386	976.716	976.648	976.589	976.413	976.441	976.458	976.380	976.302	24
25	---	---	976.209	976.387	976.718	976.686	976.582	976.586	976.377	976.468	976.347	976.317	25
26	---	---	976.207	976.388	976.709	976.651	976.585	976.488	976.471	976.380	976.364	976.308	26
27	---	---	976.202	976.418	976.712	976.630	976.575	976.381	976.405	976.364	976.381	976.298	27
28	---	---	976.204	976.426	976.708	976.689	976.552	976.384	976.383	976.380	976.380	976.287	28
29	---		976.206	976.431	976.728	976.685	976.542	976.367	976.388	976.381	976.338	976.299	29
30	---		976.200	976.444	976.717	976.693	976.514	976.420	976.388	976.387	976.332	976.292	30
31	---		976.206		976.720		976.497	976.412		976.439		976.280	31
MEAN	---	---	---	976.304	976.630	976.688	976.614	976.486	976.373	976.408	976.369	976.300	MEAN
MAX	---	---	---	976.444	976.728	976.810	976.702	976.586	976.471	976.490	976.418	976.320	MAX
MIN	---	---	---	976.210	976.447	976.638	976.497	976.367	976.299	976.284	976.280	976.287	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1985

MAXIMUM DAILY, 976.810 ON JUN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 18 15 N
LONG 114 48 18 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
13 600 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LESSER SLAVE RIVER AT HIGHWAY NO. 2A - STATION NO. 07BK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.10	24.90	25.10	29.8	56.4	64.5	64.0	49.1	41.3	47.0	41.6	37.50	1
2	24.90	24.90	24.90	30.9	57.9	64.5	63.8	50.1	40.3	46.4	41.6	36.90	2
3	25.50	24.60	24.70	31.0	64.0	62.0	64.4	50.1	41.8	50.2	39.6	36.90	3
4	25.60	24.70	24.70	31.0	70.6	61.0	62.2	50.7	39.2	48.6	40.6	37.08	4
5	25.60	25.10	24.90	31.4	66.9	63.5	61.3	52.7	40.2	49.3	41.0	37.08	5
6	30.08	25.30	24.80	31.6	74.8	66.2	61.5	51.7	40.8	47.6	40.5	37.50	6
7	28.30	25.10	24.80	31.7	74.5	63.4	61.6	47.8	38.9	45.7	37.38	37.88	7
8	28.70	24.80	25.10	31.8	68.4	63.3	59.6	47.5	38.4	44.1	35.08	38.10	8
9	26.60	24.80	25.30	33.3	64.5	63.3	58.6	46.7	37.6	42.5	35.08	38.30	9
10	27.40	24.80	25.40	34.9	66.5	62.8	57.8	46.7	36.7	45.0	36.58	38.30	10
11	26.80	23.90	25.00	36.4	68.0	60.2	57.8	46.3	35.2	44.7	37.08	38.30	11
12	26.10	24.10	25.50	36.0	72.9	60.4	58.2	47.7	35.6	50.7	37.08	38.48	12
13	25.10	24.00	25.80	37.1	72.2	61.3	58.8	46.6	36.6	46.3	36.68	38.30	13
14	25.70	23.00	25.50	41.7	72.3	60.6	57.3	44.3	42.7	44.2	36.68	38.48	14
15	26.70	23.60	25.10	43.6	72.6	62.5	57.6	45.4	43.4	43.8	36.98	38.28	15
16	26.70	24.00	25.20	42.2	71.6	72.5	56.9	45.3	44.7	43.0	36.38	38.68	16
17	27.30	24.40	26.40	42.7	71.4	66.3	58.2	43.3	46.0	47.3	35.28	38.98	17
18	27.60	24.10	27.20	44.5	71.9	62.6	56.6	41.6	41.9	47.4	33.28	39.48	18
19	33.40	24.80	27.60	44.7	70.1	62.1	55.5	43.6	39.9	43.3	31.68	39.78	19
20	30.50	24.80	28.20	46.7	70.1	62.0	54.0	45.1	38.4	45.1	31.78	38.08	20
21	31.10	24.40	30.10	47.8	69.2	61.1	53.6	43.6	42.4	43.1	31.08	38.48	21
22	32.30	24.70	30.20	47.7	68.2	61.1	55.6	42.4	39.6	43.9	29.78	38.10	22
23	35.30	24.00	30.50	46.6	68.0	59.6	53.6	43.4	47.3	46.9	29.58	37.88	23
24	36.40	24.80	30.80	49.7	66.6	61.2	53.6	41.8	46.0	48.7	29.48	38.78	24
25	34.80	24.80	30.7	50.3	66.4	60.7	53.7	46.3	49.3	46.0	28.88	37.38	25
26	37.50	24.80	30.0	51.4	65.8	66.3	57.3	52.6	51.7	46.8	28.08	37.68	26
27	37.30	25.20	29.4	54.5	65.3	62.1	58.1	52.3	52.7	46.5	27.08	38.78	27
28	37.50	26.40	29.3	56.2	65.1	64.7	53.7	50.2	47.6	45.5	26.58	38.88	28
29	33.10		29.3	56.1	65.7	64.6	52.5	36.4	43.8	43.7	26.78	38.08	29
30	32.40		28.9	56.2	65.2	64.2	51.1	40.7	44.6	40.7	27.38	38.60	30
31	34.60		29.1		66.5		49.2	42.3		45.2		39.98	31
TOTAL	934.6	688.6	841.2	1 251.6	2 111.1	1 900.7	1 778.1	1 414.9	1 278.4	1 413.7	1 027.9	901.0	TOTAL
MEAN	26.8	24.6	27.1	41.7	68.1	63.4	57.3	45.6	42.6	45.6	34.3	29.1	MEAN
MAX	30.0	26.4	30.8	56.2	74.8	72.5	64.4	52.7	52.7	50.7	41.6	31.6	MAX
MIN	20.6	23.0	24.6	29.8	56.4	58.6	49.2	36.4	35.2	40.6	26.6	26.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.3
MAXIMUM DAILY, 74.8 ON MAY 6
MINIMUM DAILY, 20.58 ON JAN 20
MAXIMUM INSTANTANEOUS,
78.8 AT 12:00 MST ON MAY 6

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 17 39 N
LONG 114 35 26 W
DRAINAGE AREA, 14 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	71 200	JUL	153 000
FEB	59 500	AUG	122 000
MAR	72 700	SEP	110 000
APR	108 000	OCT	122 000
MAY	182 000	NOV	88 800
JUN	164 000	DEC	77 800

TOTAL DISCHARGE, 1 330 000 dam³

LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL AT MENZIACHIES BRIDGE - STATION NO. 05AB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	20.6	13.7	18.8	9.97	9.89	5.86	---	---	1
2	---	---	---	0	20.5	13.8	18.8	9.86	10.1	5.83	---	---	2
3	---	---	---	0	20.2	13.7	20.0	9.73	10.6	5.89	---	---	3
4	---	---	---	0	19.6	18.8	18.8	10.2	11.2	5.87	---	---	4
5	---	---	---	0	20.7	17.2	18.8	9.86	11.2	5.85	---	---	5
6	---	---	---	0	20.1	18.5	18.5	9.86	13.7	5.85	---	---	6
7	---	---	---	0	20.1	19.0	18.9	9.60	14.3	5.83	---	---	7
8	---	---	---	0	20.4	19.6	18.5	9.25	14.1	5.86	---	---	8
9	---	---	---	0	20.2	19.1	20.0	8.86	15.7	5.87	---	---	9
10	---	---	---	0	18.6	19.1	19.8	8.83	16.1	5.28	---	---	10
11	---	---	---	0	17.4	18.5	18.5	8.83	16.8	2.40	---	---	11
12	---	---	---	0	17.3	18.6	19.1	10.5	16.8	0	---	---	12
13	---	---	---	0	16.5	18.6	18.7	11.1	14.5	0	---	---	13
14	---	---	---	0	14.3	20.1	18.7	11.0	8.86	0	---	---	14
15	---	---	---	0	14.3	20.0	18.6	12.0	7.72	0	---	---	15
16	---	---	---	2.82	14.3	18.7	17.9	10.8	7.01	0	---	---	16
17	---	---	---	13.0	12.4	18.6	17.6	10.6	8.13	0	---	---	17
18	---	---	---	10.8	11.1	18.7	18.6	10.3	8.31	0	---	---	18
19	---	---	---	10.7	10.8	18.8	18.7	10.1	8.33	0	---	---	19
20	---	---	---	20.1	11.0	20.0	18.4	10.0	8.86	0	---	---	20
21	---	---	---	10.8	10.8	18.7	18.1	10.0	8.86	0	---	---	21
22	---	---	---	20.8	11.2	18.6	13.4	17.7	8.72	0	---	---	22
23	---	---	---	20.5	13.4	18.8	13.7	17.7	8.63	0	---	---	23
24	---	---	---	20.4	18.3	18.8	13.7	18.4	8.62	0	---	---	24
25	---	---	0A	20.8	18.4	18.7	13.1	18.8	8.78	0	---	---	25
26	---	---	0	20.5	18.4	18.7	12.3	18.4	8.80	0	---	---	26
27	---	---	0	20.0	17.2	18.3	11.8	18.6	8.80	0	---	---	27
28	---	---	0	19.9	15.3	18.8	10.8	18.0	8.88	0	---	---	28
29	---		0	19.6	14.5	20.0	10.5	11.7	8.82	0	---	---	29
30	---		0	20.4	13.8	20.0	9.97	11.3	8.80	0	---	---	30
31	---		0		13.8		10.0	10.3		0 A		---	31
TOTAL	---	---	---	278.82	502.7	557.7	514.97	392.73	357.42	70.83	---	---	TOTAL
MEAN	---	---	---	9.29	16.2	18.6	16.6	12.7	8.91	2.28	---	---	MEAN
MAX	---	---	---	20.8	20.7	20.1	20.0	18.6	16.8	5.89	---	---	MAX
MIN	---	---	---	0	10.8	13.7	9.97	9.25	8.13	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.3
MAXIMUM DAILY, 20.8 ON APR 25
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 35 N
LONG 113 33 00 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	44 500
FEB	---	AUG	33 000
MAR	---	SEP	35 700
APR	36 100	OCT	8 139
MAY	63 400	NOV	---
JUN	48 000	DEC	---

TOTAL DISCHARGE, 237 000 dam³

LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL BELOW KENO OUTFLOW - STATION NO. 05AC026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	7.83	19.5	0.833	1.75	0.000E	---	---	1
2	---	---	---	---	0	7.86	20.6	0.834	1.76	0.000E	---	---	2
3	---	---	---	---	0	7.84	20.9	0.835	1.77	0.000E	---	---	3
4	---	---	---	---	0	7.28	20.8	0.836	1.78	0.000E	---	---	4
5	---	---	---	---	0	8.43	21.1	0.837	1.80	0.000E	---	---	5
6	---	---	---	---	0	9.82	21.3	2.83	1.88	0.000E	---	---	6
7	---	---	---	---	0	10.4	21.3	3.88	1.88	0.000E	---	---	7
8	---	---	---	---	0	10.8	19.7	4.33	1.88	0.000E	---	---	8
9	---	---	---	---	0	11.5	15.9	3.82	1.88	0.000E	---	---	9
10	---	---	---	---	0	13.6	15.7	3.79	0.895	0.000E	---	---	10
11	---	---	---	---	0	15.2	17.2	3.77	0.881	0.000E	---	---	11
12	---	---	---	---	0	15.6	16.6	3.73	0.867	0	---	---	12
13	---	---	---	---	0	17.3	17.3	4.77	0.876	0	---	---	13
14	---	---	---	---	1.11	18.0	17.7	4.44	0.867	0	---	---	14
15	---	---	---	---	1.88	18.0	4.80	4.81	0.858	0	---	---	15
16	---	---	---	---	1.83	18.6	3.71 A	3.76	0.861	0	---	---	16
17	---	---	---	---	1.91	18.3	0.000E	3.19	0.868	0	---	---	17
18	---	---	---	---	1.86	18.7	0.000E	2.85	0.853	0	---	---	18
19	---	---	---	---	1.87	20.6	0.020A	2.78	0.884	0	---	---	19
20	---	---	---	---	1.74	21.0	4.34 A	2.71	0.886	0	---	---	20
21	---	---	---	---	2.03	20.8	8.28	3.73	0.862	0	---	---	21
22	---	---	---	---	2.87	20.5	10.7	2.37	0.878	0	---	---	22
23	---	---	---	---	4.61	20.3	14.6	1.76	0.885	0	---	---	23
24	---	---	---	---	4.86	20.7	16.1	1.73	1.02	0	---	---	24
25	---	---	---	---	4.88	20.8	14.0	1.71	0.978	0	---	---	25
26	---	---	---	---	5.00	20.6	12.0	1.61	0.931	0	---	---	26
27	---	---	---	---	5.26	20.3	13.3	1.38	0.933	0	---	---	27
28	---	---	---	---	5.61	19.8	12.3	1.35	0.934	0	---	---	28
29	---		---	---	6.26	19.6	10.6	1.28	0.935	0	---	---	29
30	---		---	---	7.50	19.3	8.08	1.86	0.937	0	---	---	30
31	---		---		7.84		3.71	1.74		0		---	31
TOTAL	---	---	---	---	87.95	481.96	408.380	81.435	30.946	0.000	---	---	TOTAL
MEAN	---	---	---	---	3.18	18.1	13.1	2.95	1.00	0.384	---	---	MEAN
MAX	---	---	---	---	7.84	21.0	21.3	5.33	1.88	0.000	---	---	MAX
MIN	---	---	---	---	0	7.04	0.000	0.833	0.858	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.90
MAXIMUM DAILY, 21.3 ON JUL 6
MINIMUM DAILY, 0 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 00 N
LONG 112 56 15 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	35 000
FEB	---	AUG	7 000
MAR	---	SEP	2 600
APR	---	OCT	760
MAY	5 870	NOV	---
JUN	41 000	DEC	---

TOTAL DISCHARGE, 83 700 dam³

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

LITTLE BOW CANAL AT HIGH RIVER - STATION NO. 05BL015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4618	0.3868	0.4628	0.498	0.881	1.73	2.88	1.26	0.708	0.674	0.301	0.4628	1
2	0.4478	0.3778	0.4458	0.508	0.843	1.72	2.86	1.16	0.702	0.686	0.386	0.4848	2
3	0.4178	0.3848	0.4228	0.478	0.820	1.71	2.87	1.07	0.696	0.686	0.386	0.4718	3
4	0.4008	0.4018	0.4068	0.465	0.806	1.75	2.80	1.07	0.687	0.685	0.342	0.4788	4
5	0.4018	0.4188	0.3858	0.468	0.801	1.75	2.75	1.03	0.696	0.687	0.476	0.4798	5
6	0.4058	0.4228	0.3818	0.488	1.12	1.73	2.70	0.870	0.726	0.913	0.634	0.4308	6
7	0.4088	0.3628	0.3848	0.434	1.88	3.41	2.83	0.860	0.738	0.913	0.667	0.4038	7
8	0.4138	0.3768	0.3768	0.433	1.83	3.03	2.86	0.878	0.738	0.903	0.878	0.3078	8
9	0.4178	0.3768	0.3708	0.434	1.86	2.83	2.86	0.848	0.738	0.884	0.786	0.3768	9
10	0.4238	0.3838	0.3868	0.438	1.87	2.76	2.87	1.01	0.748	0.872	0.704	0.3738	10
11	0.4368	0.4238	0.3708	0.418	1.87	2.80	2.83	0.878	0.757	0.867	0.738	0.3778	11
12	0.4238	0.4388	0.3858	0.478	1.83	2.83	2.74	1.08	0.788	0.883	0.773	0.3868	12
13	0.4338	0.4068	0.4238	0.843	1.88	2.83	2.81	1.28	0.788	0.884	0.837	0.4148	13
14	0.4318	0.3878	0.4068	0.878	2.00	2.87	2.74	1.21	0.783	0.845	0.806	0.4318	14
15	0.4288	0.4148	0.3388	0.888	2.07	2.88	2.72	1.20	0.778	0.837	0.717	0.4488	15
16	0.4118	0.4328	0.3628	0.883	1.88	2.88	2.70	1.27	0.788	0.833	0.884	0.4038	16
17	0.4028	0.4328	0.3978	0.851	2.02	2.83	2.72	1.25	0.838	0.822	0.820	0.4308	17
18	0.3938	0.4288	0.3988	0.848	2.07	2.84	2.78	1.24	0.881	0.818	0.846	0.4238	18
19	0.3838	0.4188	0.3738	0.851	2.07	2.88	2.72	1.25	0.847	0.809	0.8308	0.4218	19
20	0.3888	0.4138	0.3618	0.848	2.00	2.86	2.67	1.23	0.848	0.803	0.8138	0.4308	20
21	0.3728	0.4088	0.4038	0.848	1.98	2.88	2.67	1.23	0.837	0.788	0.4818	0.4788	21
22	0.3868	0.3988	0.4088	0.838	1.84	2.88	2.38	1.18	0.838	0.844	0.4738	0.4848	22
23	0.3858	0.3908	0.4038	0.838	1.87	2.83	2.27	0.843	0.845	0.488	0.4828	0.5018	23
24	0.3998	0.3978	0.4188	0.841	1.83	2.85	2.14	0.838	0.838	0.485	0.4808	0.4858	24
25	0.3848	0.4038	0.3948	0.843	1.87	2.83	2.07	0.813	0.881	0.462	0.4618	0.4328	25
26	0.4008	0.4118	0.3888	0.843	1.78	2.80	2.00	0.788	0.878	0.402	0.4288	0.4228	26
27	0.4048	0.4198	0.374	0.838	1.76	2.78	1.81	0.777	0.874	0.388	0.4438	0.4238	27
28	0.4088	0.4518	0.374	0.843	1.84	2.80	1.83	0.788	0.878	0.348	0.4488	0.4338	28
29	0.4078		0.388	0.857	1.83	2.78	1.80	0.748	0.878	0.339	0.4808	0.4868	29
30	0.4028		0.400	0.888	1.78	2.84	1.47	0.730	0.884	0.341	0.4848	0.4868	30
31	0.3988		0.478		1.88		1.48	0.718		0.368		0.4828	31
TOTAL	13.813	11.374	13.782	15.347	52.881	77.88	74.88	31.388	23.781	22.883	15.838	13.885	TOTAL
MEAN	0.487	0.406	0.445	0.513	1.71	2.80	2.41	1.01	0.793	0.713	0.881	0.441	MEAN
MAX	0.447	0.451	0.888	0.878	2.07	2.83	2.81	1.28	0.888	0.813	0.888	0.881	MAX
MIN	0.388	0.377	0.388	0.418	0.881	1.71	1.47	0.718	0.887	0.338	0.301	0.373	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.00
MAXIMUM DAILY, 2.02 ON JUN 6
MINIMUM DAILY, 0.301 ON NOV 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 26 55 N
LONG 113 53 16 W

B - ICE CONDITIONS

REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 000	JUL	6 670
FEB	903	AUG	2 710
MAR	1 190	SEP	3 000
APR	1 330	OCT	1 910
MAY	4 560	NOV	1 430
JUN	6 730	DEC	1 180

TOTAL DISCHARGE, 31 700 dam³

LITTLE BOW RIVER AT CARMANGAY - STATION NO. 05AC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2300	0.2780	0.9040	1.78	1.03	2.78	1.58	0.588	1.31	1.03	0.721	0.4040	1
2	0.2300	0.2780	0.8000	1.03	0.985	2.27	1.42	0.704	1.24	1.02	0.723	0.4000	2
3	0.2200	0.2780	1.19 B	1.87	0.952	1.87	1.38	0.602	1.22	1.00	0.804	0.3870	3
4	0.2400	0.2000	3.31 B	2.48	0.984	1.74	1.33	0.387	1.20	1.00	0.824	0.4200	4
5	0.2300	0.2900	2.18 B	2.19	1.11	1.87	1.81	0.481	1.25	1.76	0.802	0.4000	5
6	0.2600	0.3000	1.76 B	1.98	1.17	1.43	1.16	0.417	1.40	1.78	0.631	0.4300	6
7	0.2650	0.3000	1.02 B	1.82	1.05	1.41	1.25	0.842	1.44	1.87	0.4978	0.4200	7
8	0.2600	0.2900	1.39 B	1.81	1.13	1.48	1.19	0.988	1.53	1.60	0.5035	0.4000	8
9	0.2500	0.2850	1.05 B	2.17	1.05	1.58	1.04	0.923	1.68	1.60	0.5200	0.3780	9
10	0.2400	0.2820	1.01	2.00	1.04	1.64	0.980	0.782	1.67	2.01	0.4810	0.3810	10
11	0.2500	0.2700	1.10	1.41	2.48	2.58	0.988	0.842	1.98	1.82	0.5100	0.3810	11
12	0.2000	0.2670	1.04	1.32	2.07	2.38	0.832	0.480	2.30	2.07	0.5300	0.4000	12
13	0.2700	0.2720	1.15	1.03	2.88	2.16	0.885	0.485	2.63	1.88	0.5810	0.4510	13
14	0.2780	0.2885	1.40	0.988	2.92	2.03	1.16	0.951	4.32	1.84	0.5000	0.4305	14
15	0.2780	0.2810	1.84	1.00	2.88	1.73	1.25	1.30	4.28	1.93	0.838	0.4700	15
16	0.2890	0.3100	2.01	1.07	2.73	1.88	1.32	1.75	3.53	1.81	0.745	0.4820	16
17	0.2900	0.3300	2.42	1.08	2.83	1.82	1.55	2.07	2.48	1.81	0.8670	0.4870	17
18	0.2910	0.3210	2.44	0.980	2.74	1.78	1.78	1.85	2.78	1.88	0.8700	0.4800	18
19	0.2910	0.3040	2.40	0.947	2.85	1.86	2.02	1.78	2.01	1.88	0.8620	0.4800	19
20	0.2970	0.2800	2.88	1.02	2.81	1.88	1.78	1.67	1.98	1.84	0.8320	0.4720	20
21	0.2420	0.2720	1.98	1.20	2.86	2.11	1.57	1.85	2.00	1.80	0.7380	0.4680	21
22	0.2880	0.2880	1.87	1.28	2.86	2.00	1.48	1.88	1.97	1.87	0.7000	0.4870	22
23	0.2720	0.2890	2.30	1.17	2.72	2.32	1.38	1.74	2.02	1.85	0.8550	0.4810	23
24	0.2620	0.2810	2.70	1.11	2.73	2.26	1.35	1.81	1.98	1.78	0.8510	0.4720	24
25	0.2850	0.2480	1.91	1.12	2.71	2.27	1.08	2.13	1.94	1.80	0.8200	0.4620	25
26	0.2900	0.3540	1.71	1.22	2.88	1.91	0.907	1.97	1.95	1.32	0.8420	0.4300	26
27	0.2850	0.2710	1.61	1.18	2.83	1.87	0.844	1.78	1.92	0.951	0.4880	0.4100	27
28	0.2850	0.8070	1.52	1.24	2.70	1.78	0.800	1.63	1.86	0.846	0.4540	0.3830	28
29	0.2800		1.01	1.17	2.51	1.58	0.784	1.51	1.81	0.830	0.4400	0.3970	29
30	0.2850		1.30	1.08	2.70	1.44	0.940	1.40	1.84	0.811	0.4200	0.3680	30
31	0.2780		1.58		2.67		0.847	1.38		0.783		0.3900	31
TOTAL	8.248	8.998	52.084	42.918	80.121	58.87	38.137	38.232	61.48	52.350	18.283	13.420	TOTAL
MEAN	0.288	0.307	1.68	1.42	2.23	1.90	1.23	1.23	2.08	1.68	0.810	0.433	MEAN
MAX	0.301	0.897	2.88	2.48	2.86	2.78	2.02	2.13	4.32	2.07	0.878	0.487	MAX
MIN	0.238	0.248	0.880	0.947	0.852	1.41	0.800	0.387	1.20	0.783	0.420	0.381	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 4.32 ON SEP 14
MINIMUM DAILY, 0.387 ON AUG 4
MAXIMUM INSTANTANEOUS,
4.78 AT 23:59 MST ON SEP 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 07 51 N
LONG 113 07 02 W
DRAINAGE AREA, 3 780 km²

B - ICE CONDITIONS

REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	713	JUL	3 300
FEB	763	AUG	3 300
MAR	4 500	SEP	5 310
APR	3 670	OCT	4 510
MAY	5 970	NOV	1 580
JUN	4 910	DEC	1 160

TOTAL DISCHARGE, 35 500 dam³

LITTLE BOW RIVER BELOW TRAVERS DAM - STATION NO. 05AC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.881	0.785	0.782	0.885	0.881	0.871	0.823	0.842	---	1
2	---	---	---	0.881	0.788	0.733	0.742	0.894	0.883	0.811	0.848	---	2
3	0.887A	---	---	0.890	0.800	0.881	0.781	0.811	0.874	0.806	0.893	---	3
4	---	---	---	0.870	0.781	0.884	0.767	0.878	0.886	0.804	0.868A	---	4
5	---	---	---	0.871	0.788	0.888	0.748	0.883	0.884	0.888	---	---	5
6	---	0.763A	---	0.870	0.771	0.841	0.724	0.888	0.877	0.814	---	---	6
7	---	---	---	0.874	0.781	0.841	0.885	0.824	0.883	0.807	---	---	7
8	---	---	---	0.887	0.771	0.878	0.887	0.822	0.886	0.883	---	---	8
9	---	---	---	0.885	0.738	0.862	0.878	0.888	0.883	0.882	---	---	9
10	---	---	---	0.780	0.881	0.783	0.878	0.881	0.858	0.888	---	---	10
11	---	---	---	0.783	0.720	0.885	0.883	0.832	0.842	0.882	---	---	11
12	---	---	---	0.781	0.720	0.887	0.890	0.818	0.781	0.883	---	---	12
13	---	---	---	0.885	0.887	0.781	0.871	0.854	0.718	0.870	---	---	13
14	---	---	---	0.713	0.729	0.888	0.847	0.885	0.888	0.885	---	---	14
15	---	---	0.710A	0.714	0.723	0.731	0.833	0.788	0.871	0.890	---	---	15
16	---	---	---	0.788	0.887	0.780	0.830	0.718	0.885	0.887	---	0.840A	16
17	---	---	---	0.788	0.887	0.784	0.888	0.733	0.878	0.890	---	---	17
18	---	---	---	0.784	0.881	0.718	0.843	0.731	0.883	0.888	0.881A	---	18
19	---	---	---	0.777	0.884	0.784	0.731	0.723	0.885	0.818	---	---	19
20	---	---	---	0.788	0.885	0.817	0.788	0.714	0.878	0.833	---	---	20
21	---	---	---	0.738	0.781	0.748	0.788	0.771	0.877	0.841	---	---	21
22	---	---	---	0.730	0.731	0.784	0.878	0.782	0.888	0.832	---	---	22
23	---	---	---	0.738	0.728	0.778	0.871	0.883	0.883	0.837	---	---	23
24	0.784A	---	---	0.787	0.773	0.738	0.888	0.788	0.883	0.844	---	---	24
25	---	0.881A	0.8140	0.888	0.884	0.739	0.888	0.787	0.848	0.882	---	---	25
26	---	---	0.838	0.783	0.888	0.888	0.713	0.888	0.888	0.881	---	---	26
27	---	---	0.837	0.788	0.814	0.888	0.788	0.884	0.837	0.880	---	---	27
28	---	---	0.883	0.784	0.820	0.883	0.888	0.782	0.837	0.840	---	---	28
29	---		0.748	0.777	0.824	0.870	0.878	0.788	0.834	0.848	---	---	29
30	---		0.874	0.778	0.818	0.870	0.881	0.878	0.838	0.837	---	---	30
31	---		0.848		0.810		0.882	0.883		0.842		---	31
TOTAL	---	---	---	21.888	23.313	21.320	21.181	20.888	19.881	18.842	---	---	TOTAL
MEAN	---	---	---	0.723	0.782	0.711	0.883	0.888	0.888	0.814	---	---	MEAN
MAX	---	---	---	0.888	0.838	0.817	0.781	0.771	0.781	0.883	---	---	MAX
MIN	---	---	---	0.881	0.881	0.841	0.882	0.878	0.838	0.878	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.888
MAXIMUM DAILY, 0.838 ON MAY 25
MINIMUM DAILY, 0.878 ON AUG 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 04 N
LONG 113 48 14 W
DRAINAGE AREA, 5 330 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 830
FEB	---	AUG	1 780
MAR	---	SEP	1 730
APR	1 870	OCT	1 880
MAY	2 810	NOV	---
JUN	1 840	DEC	---

TOTAL DISCHARGE, 12 700 dam³

LITTLE BOW RIVER NEAR THE MOUTH - STATION NO. 05AC023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.736	1.34	0.780	0.371	0.673	1.01	---	---	1
2	---	---	---	---	0.763	1.40	0.833	0.418	0.957	0.860	---	---	2
3	---	---	---	---	0.748	1.17	0.873	0.482	0.971	0.815	---	---	3
4	---	---	---	---	0.748	1.14	0.731	0.455	0.859	0.845	---	---	4
5	---	---	---	---	0.788	1.15	0.884	0.480	0.804	0.878	---	---	5
6	---	---	---	---	0.740	1.27	0.680	0.400	0.889	0.877	---	---	6
7	---	---	---	---	0.730	1.35	0.648	0.360	0.869	1.14	---	---	7
8	---	---	---	---	0.734	1.23	0.674	0.440	1.08	1.23	---	---	8
9	---	---	---	---	0.735	1.24	0.603	0.570	1.10	1.02	---	---	9
10	---	---	---	---	0.725	1.24	0.370	0.854	0.979	1.08	---	---	10
11	---	---	---	---	0.710	1.18	0.610	0.717	0.883	1.32	---	---	11
12	---	---	---	---	0.783	1.33	0.628	0.818	1.64	1.13	---	---	12
13	---	---	---	---	0.756	1.33	0.581	0.713	2.22	0.898	---	---	13
14	---	---	---	---	0.715	1.01	0.860	0.829	1.89	0.871	---	---	14
15	---	---	---	---	0.708	0.951	0.585	0.957	1.41	0.801	---	---	15
16	---	---	---	---	0.783	0.920	0.333	0.883	0.892	0.784	---	---	16
17	---	---	---	---	0.778	1.03	0.260	0.853	0.890	0.760	---	---	17
18	---	---	---	---	0.721	0.955	0.213	0.776	0.835	0.735	---	---	18
19	---	---	---	---	0.756	0.807	0.308	0.758	0.881	0.708	---	---	19
20	---	---	---	---	0.735	1.04	0.327	0.768	0.862	0.709	---	---	20
21	---	---	---	---	0.718	1.38	0.303	1.24	1.03	0.718	---	---	21
22	---	---	---	---	0.819	1.10	0.287	1.25	1.01	0.726	---	---	22
23	---	---	---	---	0.899	0.983	0.404	1.07	1.02	0.717	---	---	23
24	---	---	---	---	0.737	1.01	0.858	0.907	1.03	0.718	---	---	24
25	---	---	---	0.835A	0.761	1.21	0.801	0.868	0.980	0.712	---	---	25
26	---	---	---	1.00	0.848	1.17	0.814	0.857	1.12	0.718	---	---	26
27	---	---	---	0.838	0.887	0.868	0.456	0.870	1.11	0.712	---	---	27
28	---	---	---	0.725	1.03	0.844	0.538	0.888	1.16	0.708	---	---	28
29	---		---	0.736	1.11	0.845	0.528	0.847	1.14	0.694	---	---	29
30	---		---	0.767	1.08	0.887	0.543	0.893	1.13	0.695	---	---	30
31	---		---		1.14		0.513	0.874		0.693A		---	31
TOTAL	---	---	---	---	24.988	33.196	19.656	23.076	32.895	26.389	---	---	TOTAL
MEAN	---	---	---	---	0.805	1.11	0.805	0.744	1.10	0.850	---	---	MEAN
MAX	---	---	---	---	1.14	1.60	0.873	1.25	2.22	1.23	---	---	MAX
MIN	---	---	---	---	0.708	0.807	0.212	0.340	0.804	0.693	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.849
MAXIMUM DAILY, 2.22 ON SEP 13
MINIMUM DAILY, 0.212 ON JUL 16

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 00 N
LONG 112 30 30 W
DRAINAGE AREA, 5 880 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 350
FEB	---	AUG	1 850
MAR	---	SEP	2 650
APR	---	OCT	2 280
MAY	2 180	NOV	---
JUN	2 870	DEC	---

TOTAL DISCHARGE, 13 500 dam³

LITTLE ELBOW RIVER ABOVE NIHANI CREEK - STATION NO. 05BJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.880	4.21	2.08	1.67	3.16	2.62	---	---	1
2	---	---	---	---	0.940	4.15	2.83	1.84	3.09	2.35	---	---	2
3	---	---	---	---	1.15	3.84	2.87	1.85	3.08	2.32	---	---	3
4	---	---	---	---	1.25	3.88	2.80	1.89	3.02	2.23	---	---	4
5	---	---	---	---	1.08	4.00	2.82	1.88	3.10	2.17	---	---	5
6	---	---	---	---	1.05	3.73	2.78	1.58	3.16	2.18	---	---	6
7	---	---	---	---	1.05	4.83	2.84	1.62	3.08	2.04	---	---	7
8	---	---	---	---	1.18	5.73	2.61	1.68	3.06	1.98	---	---	8
9	---	---	---	---	1.19	4.72	2.46	1.68	3.10	1.90	---	---	9
10	---	---	---	---	1.24	4.04	2.48	1.83	3.28	1.87	---	---	10
11	---	---	---	---	1.28	3.88	2.44	1.71	2.87	1.88	---	---	11
12	---	---	---	---	1.21	3.88	3.34	2.22	6.88	1.88	---	---	12
13	---	---	---	---	1.18	4.08	2.22	2.33	7.44	1.82	---	---	13
14	---	---	---	---	1.23	4.02	2.08	2.18	6.88	1.78	---	---	14
15	---	---	---	---	1.28	3.98	1.98	2.16	6.08	1.78	---	---	15
16	---	---	---	---	1.47	3.77	1.80	3.31	4.88	1.80	---	---	16
17	---	---	---	---	2.21	3.48	2.04	3.83	4.19	1.76	---	---	17
18	---	---	---	---	3.13	3.88	1.84	4.37	3.81	1.88	---	---	18
19	---	---	---	---	4.02	3.88	1.87	4.32	3.63	1.87	---	---	19
20	---	---	---	---	4.38	4.24	1.83	4.28	3.38	1.86	---	---	20
21	---	---	---	---	4.27	3.84	1.78	4.15	3.28	1.88	---	---	21
22	---	---	---	---	4.61	3.48	1.81	4.01	3.09	1.85	---	---	22
23	---	---	---	---	4.71	3.17	1.82	3.81	2.81	1.89	---	---	23
24	---	---	---	---	5.11	2.85	1.78	3.78	2.88	1.88	---	---	24
25	---	---	---	0.883A	5.78	2.57	1.89	3.44	2.78	1.85	---	---	25
26	---	---	---	0.888	4.81	2.43	1.82	3.10	2.89	1.81	---	---	26
27	---	---	---	0.885	4.15	2.46	1.88	2.88	2.73	1.84	---	---	27
28	---	---	---	0.886	3.88	2.83	1.88	2.88	2.88	1.80	---	---	28
29	---		---	0.887	3.88	2.88	1.83	2.83	2.83	1.84	---	---	29
30	---		---	0.873	4.11	3.08	1.82	2.40	3.80	1.47A	---	---	30
31	---		---		4.18		1.49	2.28		1.47B		---	31
TOTAL	---	---	---	---	81.870	110.65	68.08	82.38	98.33	58.84	---	---	TOTAL
MEAN	---	---	---	---	2.83	3.70	2.13	2.66	3.31	1.83	---	---	MEAN
MAX	---	---	---	---	5.78	5.73	2.98	4.37	7.44	2.62	---	---	MAX
MIN	---	---	---	---	0.880	2.43	1.49	1.67	2.02	1.47	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.66
MAXIMUM DAILY, 7.44 ON SEP 13
MINIMUM DAILY, 0.880 ON MAY 1
MAXIMUM INSTANTANEOUS,
9.18 AT 10:30 MST ON SEP 12

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 43 N
LONG 114 55 00 W
DRAINAGE AREA, 139 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 710
FEB	---	AUG	7 130
MAR	---	SEP	8 230
APR	---	OCT	4 880
MAY	7 080	NOV	---
JUN	9 880	DEC	---

TOTAL DISCHARGE, 43 700 dam³

LITTLE PADDLE RIVER NEAR MAYERTHORPE - STATION NO. 07BB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.33 B	1.61 B	1.32	1.17	2.85	0.892	0.173A	0.308E	0.213B	---	1
2	---	---	0.958B	4.73 B	1.26	1.19	2.45	0.884	0.168A	0.295A	0.285B	---	2
3	---	---	0.608B	3.84 B	1.27	0.809	1.93	0.881	0.164A	0.283E	0.280B	---	3
4	---	---	0.603B	1.65 B	1.50	0.845	1.68	0.951	0.161A	0.278A	0.260B	---	4
5	---	---	0.600B	0.957B	1.72	0.810	1.33	0.104	0.164A	0.300E	0.225B	---	5
6	---	---	0.610B	1.13 B	1.42	0.435	0.905	0.112	0.158E	0.380E	0.213B	---	6
7	---	---	0.620B	1.34 B	1.14	0.350	0.880	0.100	0.147A	0.405A	0.208B	---	7
8	---	---	0.685B	1.93 B	1.04	0.316	0.572	0.115	0.144A	0.270A	---	---	8
9	---	---	0.720B	3.27 B	0.921	0.317	0.475	0.122	0.139A	0.275A	---	---	9
10	---	---	0.600B	4.86 B	0.898	0.315	0.384	0.155	0.136A	0.276A	---	---	10
11	---	---	1.00 B	4.62	0.857	0.283	0.334	0.183	0.164A	0.319	---	---	11
12	---	---	1.75 B	3.92	1.01	0.234	0.304	0.190	0.176A	0.306	---	---	12
13	---	---	2.80 B	4.15	1.01	0.218	0.284	0.159	9.26	0.290	---	---	13
14	---	---	3.20 B	5.83	0.977	0.215	0.310	0.178	10.7	0.400E	---	---	14
15	---	---	3.75 B	4.70	0.861	0.241	0.272	0.886	3.32	0.957A	---	---	15
16	---	---	4.40 B	3.59	0.704	0.238	0.238	0.806	1.20	0.804A	---	---	16
17	---	---	4.80 B	3.26	0.686	0.218	0.172	0.430	0.830	1.30 A	---	---	17
18	---	---	5.25 B	3.65	0.639	0.177	0.137	0.207	0.825	1.10 E	---	---	18
19	---	---	5.53 B	2.76	0.801	0.183	0.138	0.245	0.516	0.900E	---	---	19
20	---	---	5.47 B	2.45	0.558	0.136	0.127	0.220	0.908	0.780E	---	---	20
21	---	---	3.20 B	1.89	0.544	0.131	0.117	0.237A	0.690	0.829A	---	---	21
22	---	---	1.61 B	1.61	0.473	0.188	0.121	0.223A	0.478E	0.536A	---	---	22
23	---	---	1.06 B	2.04	0.452	0.380	0.118	0.217A	0.428A	0.497A	---	---	23
24	---	---	1.06 B	2.65	0.448	18.8	0.128	0.236A	0.382A	0.456A	---	---	24
25	---	---	1.02 B	2.73	0.521	30.9	0.119	0.206A	0.644	0.388E	---	---	25
26	---	---	0.833B	2.43	0.572	11.8	0.132	0.202A	0.408A	0.385E	---	---	26
27	---	---	0.821B	2.19	0.617	5.60	0.128	0.196A	0.385A	0.300E	---	---	27
28	---	3.638	0.820B	1.81	0.578	5.65	0.121	0.192A	0.380E	0.295E	---	---	28
29	---		0.387B	1.59	1.40	4.56	0.115	0.186A	0.365E	0.404E	---	---	29
30	---		0.321B	1.44	1.61	3.48	0.100	0.182A	0.325E	0.405E	---	---	30
31	---		0.475B		1.27		0.085	0.177A		0.380E		---	31
TOTAL	---	---	84.801	84.187	28.800	90.782	16.872	6.912	32.010	14.813	---	---	TOTAL
MEAN	---	---	1.76	2.81	0.929	3.03	0.638	0.210	1.07	0.471	---	---	MEAN
MAX	---	---	5.53	5.83	1.72	30.9	2.85	0.804	10.7	1.30	---	---	MAX
MIN	---	---	0.321	0.957	0.449	0.131	0.085	0.081	0.136	0.270	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.34
MAXIMUM DAILY, 30.9 ON JUN 25
MINIMUM DAILY, 0.081 ON AUG 3
MAXIMUM INSTANTANEOUS,
30.9 AT 03:25 MST ON JUN 25

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 51 N
LONG 116 10 29 W
DRAINAGE AREA, 268 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 440
FEB	---	AUG	883
MAR	4 710	SEP	2 770
APR	7 270	OCT	1 280
MAY	2 480	NOV	---
JUN	7 840	DEC	---

TOTAL DISCHARGE, 28 300 dam³

LITTLE RED DEER RIVER NEAR THE MOUTH - STATION NO. 06CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1000	0.0809	0.0402	3.578	11.2	2.63	0.878	0.248	0.545	3.13	1.61	0.2908	1
2	0.0988	0.0588	0.0408	4.888	10.6	3.55	0.783	0.230	0.488	2.78	1.84	0.2908	2
3	0.0928	0.0585	0.0400	5.388	8.83	2.35	0.878	0.204	0.340	2.38	2.30	0.2908	3
4	0.0888	0.0588	0.0388	7.208	7.95	2.33	0.848	0.206	0.280	2.26	2.21	0.2008	4
5	0.0858	0.0585	0.0398	7.208	6.14	2.14	0.517	0.185	0.361A	2.27	1.90	0.2008	5
6	0.0818	0.0878	0.0308	7.508	4.95	2.06	0.448	0.183	0.483A	2.24	1.67 B	0.3008	6
7	0.0788	0.0568	0.0358	8.648	3.73	1.98	0.393	0.137	0.507A	2.24	1.60 B	0.3008	7
8	0.0718	0.0548	0.0308	8.648	3.13	1.88	0.373	0.237	0.582A	2.27	1.77 B	0.3008	8
9	0.0678	0.0538	0.0228	6.708	2.71	1.73	0.282	0.332	0.782A	2.29	1.83 B	0.3008	9
10	0.0858	0.0528	0.0338	6.988	2.39	1.88	0.266	0.337	1.17 A	2.19	1.82 B	0.3008	10
11	0.0888	0.0518	0.0248	5.838	2.13	1.84	0.207	0.343	1.36 A	1.83	1.48 B	0.3008	11
12	0.0758	0.0508	0.0288	7.848	1.90	2.28	0.187	0.285	2.02 A	1.88	1.10 B	0.3108	12
13	0.0808	0.0508	0.0288	7.188	1.71	2.25	0.164	0.268	8.03	1.88	0.8008	0.3108	13
14	0.0908	0.0498	0.0308	5.97	1.58	2.10	0.137	0.227	26.0	2.83	0.7308	0.3108	14
15	0.1008	0.0488	0.1648	5.21	1.48	2.14	0.108	0.371	21.1	2.32	0.7008	0.3108	15
16	0.0888	0.0478	0.8028	5.16	1.45	1.84	0.073	0.434	13.7	2.23	0.6908	0.3108	16
17	0.0868	0.0468	4.29 B	4.72	1.58	1.88	0.088	0.482	9.87	2.30	0.6708	0.3108	17
18	0.0878	0.0448	14.1 B	4.23	1.58	1.81	0.078	0.538	7.87	2.42	0.3808	0.3108	18
19	0.0868	0.0428	15.3 B	3.78	1.58	1.38	0.083	1.08	5.98	2.84	0.3408	0.3008	19
20	0.0858	0.0418	14.1 B	3.60	1.64	1.27	0.083	1.22	5.31	2.82	0.3308	0.3008	20
21	0.0848	0.0418	13.2 B	3.82	1.38	1.27	0.068	1.07	4.84	2.35	0.3108	0.3008	21
22	0.0838	0.0418	10.8 B	3.01	1.33	1.28	0.032	1.11	4.71	2.19	0.3008	0.2908	22
23	0.0828	0.0408	8.38 B	2.72	1.28	1.45	0.041	1.08	4.51	2.08	0.3008	0.2908	23
24	0.0818	0.0408	7.68 B	2.42	1.20	1.44	0.268	0.823	4.33	2.08	0.2908	0.2808	24
25	0.0808	0.0408	8.81 B	2.28	1.38	1.58	0.333	1.14	4.43	1.88	0.2808	0.2808	25
26	0.0808	0.0408	8.41 B	2.48	1.58	1.54	0.386	1.43	4.38	1.82	0.2708	0.2808	26
27	0.0808	0.0408	9.32 B	2.88	1.81	1.34	0.348	1.10	3.97	1.71	0.2708	0.2708	27
28	0.0808	0.0408	4.31 B	2.84	2.88	1.21	0.183	0.974	3.87	1.88	0.2708	0.2708	28
29	0.0808		3.37 B	3.32	2.76	1.07	0.337	0.888	3.82	1.38	0.2808	0.2808	29
30	0.0888		2.88 B	6.41	3.82	0.988	0.318	0.888	3.38	1.47	0.2808	0.2808	30
31	0.0888		3.78 B		3.34		0.382	0.883		1.88		0.2808	31
TOTAL	2.883	1.358	131.187	143.28	101.88	53.888	8.888	18.880	148.188	66.88	38.178	8.878	TOTAL
MEAN	0.088	0.048	3.81	4.78	3.28	1.78	0.288	0.803	4.87	2.12	0.839	0.283	MEAN
MAX	0.188	0.080	15.3	7.86	11.2	2.83	0.878	1.43	26.0	2.13	2.38	0.310	MAX
MIN	0.080	0.040	0.038	2.28	1.28	0.988	0.823	0.137	0.348	1.38	0.278	0.268	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.83
MAXIMUM DAILY, 26.0 ON SEP 14
MINIMUM DAILY, 0.0388 ON MAR 8
MAXIMUM INSTANTANEOUS,
28.3 AT 14:88 MST ON SEP 14

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 01 48 N
LONG 114 08 38 W
DRAINAGE AREA, 2 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	328	JUL	788
FEB	117	AUG	1 818
MAR	10 588	SEP	12 888
APR	12 488	OCT	5 888
MAY	8 888	NOV	2 438
JUN	4 878	DEC	788

TOTAL DISCHARGE, 88 888 dam³

LITTLE RED DEER RIVER NEAR WATER VALLEY - STATION NO. 05CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0188	0.0828	0.0978	1.05 B	4.39 B	1.84	0.376	0.103	0.180	1.73	0.8618	---	1
2	0.0188	0.0806	0.0968	2.80 B	3.89 B	1.43	0.319	0.067	0.393	1.71	0.8718	---	2
3	0.0188	0.0868	0.0978	1.80 B	3.70	1.36	0.266	0.113	0.333	1.84	0.8838	---	3
4	0.0188	0.0878	0.0988	1.45 B	3.84	1.23	0.207	0.086	0.367	1.48	0.8888	---	4
5	0.0308	0.0888	0.1038	1.20 B	3.16	1.12	0.201	0.089	0.401	1.41	0.8918	---	5
6	0.0258	0.0858	0.1088	0.9858	1.71	1.08	0.123	0.085	0.803	1.49	0.8138	---	6
7	0.0308	0.0838	0.1118	1.05 B	1.45	0.885	0.096	0.075	1.10	1.86	---	---	7
8	0.0348	0.0528	0.1148	1.40 B	1.30	1.23	0.073	0.108	0.834	1.47 B	---	---	8
9	0.0388	0.0818	0.1188	1.80 B	1.15	1.61	0.080	0.121	0.478	1.27 B	---	---	9
10	0.0438	0.0508	0.1238	2.00 B	1.02	1.78	0.085	0.178	0.873	1.86	---	---	10
11	0.0488	0.0828	0.1288	1.90 B	0.915	1.48	0.080	0.248	1.10	1.88	---	---	11
12	0.0538	0.0878	0.1348	1.60 B	0.859	1.24	0.028	0.317	4.89	1.89	---	---	12
13	0.0608	0.0838	0.1388	1.35 B	1.01	1.12	0.041	0.268	10.8	1.85	---	---	13
14	0.0558	0.0788	0.1338	1.30 B	1.14	1.10	0.050	0.321	8.98	1.78	---	---	14
15	0.0708	0.0868	0.1388	1.40 B	1.10	0.922	0.048	0.589	5.88	1.63	---	---	15
16	0.0708	0.0868	0.1438	1.45 B	1.08	0.780	0.089	1.51	4.69	2.03	---	---	16
17	0.0828	0.1038	0.1478	1.40 B	0.961	0.886	0.586	1.33	3.76	2.15	---	---	17
18	0.0908	0.1028	0.1538	0.8008	0.883	0.989	0.850	0.886	3.16	1.84	---	---	18
19	0.1008	0.1048	0.1588	0.4508	0.888	0.522	0.476	0.827	3.06	1.77	---	---	19
20	0.1088	0.1068	0.1778	0.3708	0.821	0.571	0.380	0.434	3.22	1.72	---	---	20
21	0.1138	0.1078	0.1868	0.4108	0.782	0.988	0.345	0.482	3.36	1.60	---	---	21
22	0.1158	0.1078	0.2008	0.5208	0.738	0.880	0.284	1.14	3.19	1.65	---	---	22
23	0.1118	0.1058	0.2138	0.6508	0.884	0.817	0.327	1.14	3.01	1.32 B	---	---	23
24	0.1088	0.1048	0.2258	0.5808	0.789	0.711	0.288	0.771	3.82	1.13 B	---	---	24
25	0.1038	0.1038	0.2388	0.4808	1.87	0.760	0.220	0.831	3.84	1.16 B	---	---	25
26	0.0978	0.1038	0.2488	0.3708	3.48	0.843	0.211	0.410	3.36	1.37 B	---	---	26
27	0.0888	0.1028	0.2588	0.4508	2.86	0.870	0.168	0.318	3.31	1.66 B	---	---	27
28	0.0828	0.1008	0.2808	1.80 B	2.18	0.484	0.188	0.282	3.08	1.25 B	---	---	28
29	0.0788		0.2708	4.80 B	1.83	0.438	0.180	0.234	1.84	1.14 B	---	---	29
30	0.0868		0.2808	5.50 B	1.77	0.403	0.164	0.188	1.78	0.9238	---	---	30
31	0.0848		0.4808		1.88		0.137	0.188		0.7118		---	31
TOTAL	3.035	2.235	5.368	46.015	51.788	28.308	8.613	13.035	88.478	47.873	---	---	TOTAL
MEAN	0.088	0.079	0.173	1.58	1.87	0.877	0.220	0.438	2.88	1.88	---	---	MEAN
MAX	0.113	0.107	0.488	8.58	4.38	1.81	0.588	1.51	18.8	3.15	---	---	MAX
MIN	0.018	0.068	0.088	0.378	0.884	0.483	0.029	0.075	0.188	0.711	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 18.8 ON SEP 13
MINIMUM DAILY, 0.029 ON JUL 13
MAXIMUM INSTANTANEOUS,
18.5 AT 08:02 MST ON SEP 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 30 41 N
LONG 114 40 18 W
DRAINAGE AREA, 469 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	178	JUL	888
FEB	182	AUG	1 130
MAR	464	SEP	7 840
APR	3 880	OCT	4 140
MAY	4 470	NOV	---
JUN	2 530	DEC	---

TOTAL DISCHARGE, 24 900 dam³

LITTLE SMOKY RIVER AT LITTLE SMOKY - STATION NO. 07GE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.888	8.888	31.1	22.2	31.2	3.03	4.67	33.4	---	---	1
2	---	---	3.888	7.828	29.4	18.8	26.8	3.10	4.48	32.6	---	---	2
3	---	---	4.888	9.888	25.6	16.8	23.8	2.98	4.88	28.7	---	---	3
4	---	---	4.288	10.7 B	23.4	15.8	18.8	2.75	4.28	26.8	---	---	4
5	---	---	4.488	8.838	48.7	15.1	18.3	2.83	4.38	24.8	---	---	5
6	---	---	4.488	8.888	47.1	18.8	14.8	3.88	4.18	23.1	---	---	6
7	---	---	4.838	9.288	43.1	17.8	13.4	2.78	4.18	20.8	---	---	7
8	---	---	3.888	8.888	40.8	15.7	11.4	3.73	4.88	18.7	---	---	8
9	---	---	3.888	8.838	38.2	15.8	9.88	3.88	4.38	18.8	---	---	9
10	---	---	4.318	13.8 B	36.8	14.8	8.84	4.38	7.73	17.8	---	---	10
11	---	---	4.838	14.8 B	33.8	13.8	8.82	4.88	8.88	15.8	---	---	11
12	---	---	3.838	28.1 B	33.7	13.3	7.83	8.18	12.8	13.8	---	---	12
13	---	---	4.138	33.2 B	32.4	11.8	8.88	8.82	16.3	17.7	---	---	13
14	---	---	3.888	41.8 B	30.1	12.8	8.28	8.81	18.4	22.8	---	---	14
15	---	---	4.838	52.8 B	27.3	12.1	8.84	8.18	18.4	28.1	---	---	15
16	---	---	4.318	58.8	25.8	11.8	8.88	11.8	28.3	48.8	---	---	16
17	---	---	4.838	66.3	23.8	11.7	8.87	14.8	28.3	48.8	---	---	17
18	---	---	8.888	67.8	23.3	11.1	8.87	17.8	28.4	43.1	---	---	18
19	---	---	8.788	67.8	20.7	10.1	8.81	13.8	33.8	38.8	---	---	19
20	---	---	7.888	47.7	18.7	8.38	8.88	13.8	33.7	33.8	---	---	20
21	---	---	8.188	44.8	16.8	8.71	8.81	8.88	33.2	30.7	---	---	21
22	---	---	8.748	37.7	17.8	8.18	8.88	8.86	33.8	28.8	---	---	22
23	---	---	8.818	33.3	18.4	8.88	8.88	8.32	32.3	26.8	---	---	23
24	---	---	7.318	36.8	18.8	18.8	4.88	7.88	33.8	22.7	---	---	24
25	---	---	8.718	36.7	18.8	74.8	4.35	7.24	33.3	21.8	---	---	25
26	---	---	8.818	37.4	17.4	72.8	4.18	8.71	33.3	18.8	---	---	26
27	---	---	8.388	41.3	18.1	81.8	4.18	8.81	38.7	18.8	---	---	27
28	---	---	8.368	38.4	22.8	68.3	4.18	8.78	38.8	18.3	---	---	28
29	---		8.318	38.8	24.4	64.8	3.88	8.18	37.8	18.1	---	---	29
30	---		8.838	33.1	23.7	37.8	3.88	4.88	38.4	15.8	---	---	30
31	---		8.138		23.4		3.48	4.81		14.8		---	31
TOTAL	---	---	183.88	887.18	888.8	887.88	287.82	207.82	837.38	781.4	---	---	TOTAL
MEAN	---	---	8.28	28.8	27.8	21.8	8.28	8.78	28.7	25.8	---	---	MEAN
MAX	---	---	8.78	88.8	48.7	78.8	31.2	17.8	38.8	48.8	---	---	MAX
MIN	---	---	3.88	8.88	18.8	8.18	3.48	2.82	4.18	13.4	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.3
MAXIMUM DAILY, 74.8 ON JUN 26
MINIMUM DAILY, 2.82 ON AUG 8
MAXIMUM INSTANTANEOUS,
88.8 AT 20:38 MST ON JUN 28

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 44 24 N
LONG 117 18 48 W
DRAINAGE AREA, 3 810 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	24 800
FEB	---	AUG	18 000
MAR	14 100	SEP	83 800
APR	77 800	OCT	88 400
MAY	73 000	NOV	---
JUN	88 800	DEC	---

TOTAL DISCHARGE, 387 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM A GRAPH OF OBSERVED READINGS

LITTLE SMOKY RIVER NEAR GUY - STATION NO. 07GH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.685	5.310	7.008	12.00	129	70.5E	100	8.61	8.53	108	63.1	10 1.0	1
2	5.010	5.288	7.358	17.10	126	67.5E	84.8	7.76	8.35	95.3	46.9	9.688	2
3	5.538	5.400	6.900	27.50	132	58.6	80.0	7.31	8.49	83.6	38.0	9.638	3
4	5.418	5.498	7.470	34.00	172	52.6	84.7	7.30	8.76	78.6	37.0	9.598	4
5	5.070	5.388	8.148	30.50	218	46.5	92.5	8.83	9.56	70.1	37.5	9.018	5
6	7.770	5.478	8.940	26.30	207	39.1	46.2	8.88	10.0	88.6	36.6	8.758	6
7	7.688	5.278	7.788	27.80	181	37.3	39.7	8.46	9.83	82.7	35.2 E	8.008	7
8	7.568	5.208	7.248	27.50	167	38.5	33.3	8.06	P.55	80.2	30.5 E	8.738	8
9	7.438	5.998	6.738	26.80	144	36.5	26.7	7.38	11.4	86.4	18.0 E	8.898	9
10	7.318	5.088	6.308	30.50	137	33.3	24.5	7.34	10.2	83.6	17.3 E	8.878	10
11	7.318	5.478	6.018	35.50	128	29.2	21.4	7.27	17.0	80.7	17.9 E	8.278	11
12	7.128	5.228	5.728	34.50	123	28.5	18.6	7.33	16.9	69.5	18.6 E	8.208	12
13	7.088	5.078	5.508	108 E	119	27.0	19.1	7.12	18.3	69.7	21.6 E	8.118	13
14	7.228	5.048	5.858	167	117	26.0	18.8	6.55	25.6	63.5	22.6 E	7.838	14
15	7.308	4.878	5.478	209	108	25.9	14.7	12.2	26.4	69.2	21.8 E	8.248	15
16	7.458	5.028	5.068	217	98.0	25.6	14.0	12.9	103	111	21.7 E	8.438	16
17	7.458	5.268	6.648	203	92.3	23.6	13.2	16.6	102	144	21.3 E	8.388	17
18	7.488	5.038	13.6 E	181	86.3	22.5	13.1	22.0	98.3	149	21.1 E	8.208	18
19	7.338	4.908	18.5 E	166	83.7	21.8	12.6	33.9	97.6	140	19.6 E	8.528	19
20	7.488	5.118	19.6 E	180	78.2	21.0	11.6	34.3	96.2	128	19.0 E	8.488	20
21	7.428	4.988	17.2 E	189	71.2	19.9	11.0	27.6	91.1	111	15.6 E	8.488	21
22	7.218	5.138	17.3 E	192	68.7	18.8	10.5	22.6	85.3	100	12.7 E	8.088	22
23	6.928	5.268	14.0 E	138	56.8	19.6	9.83	18.8	101	91.1	13.2 E	11.1 E	23
24	6.908	5.548	12.9 E	127	50.8	20.1	10.5	16.5	120	83.3	11.3 E	14.7 E	24
25	6.818	5.585	11.6 E	136	47.5	20.9	9.75	14.9	114	78.4	10.3 E	14.6 E	25
26	6.488	5.318	11.7 E	142	46.1	116	9.32	13.5	114	89.9	9.708	13.5 E	26
27	6.328	5.378	10.5 E	149	44.5	213	8.92	12.5	124	82.5	8.638	11.4 E	27
28	6.058	5.738	10.2 E	154	53.0E	183	9.08	11.6	138	86.7	9.868	10.3 E	28
29	6.308		9.678	151	64.5E	143	8.88	10.6	136	83.7	10.3 E	9.228	29
30	6.178		10.2 E	140	86.5E	119	8.48	10.1	124	83.3	10.0 E	8.728	30
31	6.078		8.288		87.0E		8.80	9.83		45.0		8.538	31
TOTAL	227.50	157.05	302.96	3 355.7	3 273.2	1 804.3	780.49	402.81	1 861.96	2 477.8	839.11	282.16	TOTAL
MEAN	7.34	5.61	9.77	112	106	53.5	25.5	13.0	62.1	79.8	21.0	9.43	MEAN
MAX	8.88	5.73	19.6	217	218	213	100	34.3	138	149	46.9	14.7	MAX
MIN	6.05	4.87	5.47	12.0	46.1	18.8	8.48	8.46	8.35	45.0	9.70	7.82	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.1
MAXIMUM DAILY, 217 ON APR 16
MINIMUM DAILY, 4.878 ON FEB 15
MAXIMUM INSTANTANEOUS,
243 AT 14:30 MST ON APR 15

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 27 25 N
LONG 117 09 40 W
DRAINAGE AREA, 11 100 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 700	JUL	68 200
FEB	13 600	AUG	34 800
MAR	26 200	SEP	161 000
APR	280 000	OCT	214 000
MAY	283 000	NOV	84 400
JUN	139 000	DEC	25 200

TOTAL DISCHARGE, 1 370 000 dam³

LLOYD CREEK NEAR BLUFFTON - STATION NO. 05EC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.02 B	2.84	0.393	0.125	0.328	0.385	0.868	---	---	1
2	---	---	0 B	5.24 B	2.35	0.367	0.146	0.348	0.366	0.615	---	---	2
3	---	---	0 B	11.8 B	1.93	0.382	0.128	0.310	0.307	0.526	---	---	3
4	---	---	0 B	5.78 B	1.75	0.314	0.132	0.356	0.262	0.450	---	---	4
5	---	---	0 B	4.41 B	1.80	0.316	0.113	0.371	0.277	0.427	---	---	5
6	---	---	0 B	4.44 B	1.31	0.305	0.112	0.382	0.316	0.407	---	---	6
7	---	---	0 B	4.87 B	1.02	0.409	0.111	0.318	0.387	0.419	---	---	7
8	---	---	0 B	5.71	0.824	0.631	0.112	0.343	0.381	0.448	---	---	8
9	---	---	0 B	5.48	0.733	0.671	0.112	0.416	0.307	0.510	---	---	9
10	---	---	0 B	7.30	0.744	0.602	0.108	0.484	0.317	0.518	---	---	10
11	---	---	0.0088	7.71	0.848	0.337	0.102	0.472	0.370	0.552	---	---	11
12	---	---	0.0108	7.68	0.588	0.261	0.100	0.420	0.428	0.605	---	---	12
13	---	---	0.0208	5.67	0.556	0.278	0.100	0.361	0.932	0.664	---	---	13
14	---	---	0.0258	5.83	0.520	0.306	0.128	0.346	1.89	0.712	---	---	14
15	---	---	0.0558	7.05	0.500	0.356	0.116	0.357	2.17	0.685	---	---	15
16	---	---	0.0758	5.86	0.478	0.386	0.131	0.417	1.84	0.894	---	---	16
17	---	---	0.0958	4.20	0.440	0.358	0.180	0.439	0.957	0.786	---	---	17
18	---	---	0.1108	3.14	0.378	0.304	0.133	0.418	0.767	0.698	---	---	18
19	---	---	0.1208	2.62	0.700	0.287	0.122	0.387	0.698	0.684	---	---	19
20	---	---	0.1408	1.87	0.567	0.238	0.131	0.382	0.567	0.770	---	---	20
21	---	---	0.1438	1.38	0.378	0.238	0.170	0.388	0.585	0.708	---	---	21
22	---	---	0.1208	0.950	0.331	0.217	0.180	0.484	0.600	0.731	---	---	22
23	---	---	0.1408	1.00	0.384	0.208	0.148	0.607	0.588	0.6378	---	---	23
24	---	---	0.2238	2.02	0.348	0.321	0.138	0.529	0.603	0.5128	---	---	24
25	---	---	0.1858	3.37	0.408	0.820	0.127	0.487	0.598	0.4878	---	---	25
26	---	---	0.1208	4.46	0.848	0.871	0.114	0.474	0.714	0.4218	---	---	26
27	---	---	0.0478	5.09	0.951	0.383	0.108	0.318	0.705	0.3888	---	---	27
28	---	---	0.0478	5.21	0.488	0.351	0.164	0.380	0.632	0.3488	---	---	28
29	---		0.1008	4.18	0.503	0.158	0.178	0.500	0.748	0.3708	---	---	29
30	---		0.1008	3.43	0.536	0.134	0.273	0.420	0.685	0.3158	---	---	30
31	---		0.3608		0.447		0.310	0.407		0.3108		---	31
TOTAL	---	---	3.380	143.110	25.807	10.487	4.342	12.838	20.333	17.245	---	---	TOTAL
MEAN	---	---	0.076	4.77	0.836	0.349	0.140	0.404	0.874	0.556	---	---	MEAN
MAX	---	---	0.360	11.8	2.84	0.871	0.318	0.820	2.17	0.894	---	---	MAX
MIN	---	---	0	0.950	0.331	0.134	0.100	0.310	0.277	0.310	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.883
MAXIMUM DAILY, 11.8 ON APR 3
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 44 20 N
LONG 114 08 50 W
DRAINAGE AREA, 241 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	375
FEB	---	AUG	1 080
MAR	204	SEP	1 750
APR	13 400	OCT	1 480
MAY	3 210	NOV	---
JUN	903	DEC	---

TOTAL DISCHARGE, 20 400 dam³

LNID CANAL AT DROP NO. 6 - STATION NO. 05AC918

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	19.6	4.20	4.51	9.54	9.20	8.56	---	---	1
2	---	---	---	0	19.6	4.69	3.66	9.05	9.01	8.91	---	---	2
3	---	---	---	0	19.7	4.65	1.95	9.33	8.90	8.90	---	---	3
4	---	---	---	0	19.1	5.44	1.87	9.46	9.28	8.52	---	---	4
5	---	---	---	0	19.2	7.11	1.28	9.62	8.46	8.35	---	---	5
6	---	---	---	0	19.7	7.33	1.07	7.15	10.4	8.34	---	---	6
7	---	---	---	0	19.3	6.93	0.755	3.25	13.1	8.02	---	---	7
8	---	---	---	0	19.5	5.67	0.666	2.95	14.5	6.88	---	---	8
9	---	---	---	0	19.5	10.3	1.25	2.25	14.0	6.04	---	---	9
10	---	---	---	0	17.8	9.39	2.57	1.69	13.6	5.58	---	---	10
11	---	---	---	0	19.2	8.00	6.91	2.76	14.0	5.66	---	---	11
12	---	---	---	0	16.4	7.00	6.56	5.03	14.1	3.45	---	---	12
13	---	---	---	0	14.2	6.62	5.57	5.38	15.7	1.09	---	---	13
14	---	---	---	0	11.6	6.67	3.36	6.29	13.6	0.185	---	---	14
15	---	---	---	0	10.3	7.36	8.66	7.60	8.96	0	---	---	15
16	---	---	---	0	10.3	7.37	15.6	9.72	7.64	0	---	---	16
17	---	---	---	0	9.33	7.56	15.6	12.9	6.86	0	---	---	17
18	---	---	---	10.6	8.18	7.63	15.6	14.5	6.10	0	---	---	18
19	---	---	---	17.3	8.66	8.75	16.2	14.4	6.95	0	---	---	19
20	---	---	---	16.6	8.84	8.57	15.1	14.1	6.53	0	---	---	20
21	---	---	---	16.6	8.41	8.84	11.5	14.0	6.75	0	---	---	21
22	---	---	---	16.6	8.25	8.69	7.37	14.4	6.95	0	---	---	22
23	---	---	---	16.6	9.09	8.74	2.79	14.1	6.84	0	---	---	23
24	---	---	---	19.3	8.68	8.71	0.014	13.8	6.61	0	---	---	24
25	---	---	---	19.6	9.18	8.95	0	13.6	6.98	0	---	---	25
26	---	---	---	19.8	11.8	7.16	0.724	11.9	6.84	0	---	---	26
27	---	---	---	19.7	11.6	6.82	3.13	10.5	6.74	0	---	---	27
28	---	---	---	19.8	9.58	5.61	3.84	10.1	6.78	0	---	---	28
29	---		---	18.3	7.80	4.80	3.83	10.1	6.88	0	---	---	29
30	---		---	19.1	6.35	4.61	3.68	9.82	6.88	0	---	---	30
31	---		---		6.77		6.52	9.72		0		---	31
TOTAL	---	---	---	238.3	374.65	208.03	186.383	284.79	282.36	76.445	---	---	TOTAL
MEAN	---	---	---	7.86	12.1	6.67	5.37	9.32	9.41	2.67	---	---	MEAN
MAX	---	---	---	19.8	19.6	10.3	15.6	14.5	15.1	8.96	---	---	MAX
MIN	---	---	---	0	3.69	4.20	0	1.86	5.10	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.63
MAXIMUM DAILY, 19.8 ON APR 26
MINIMUM DAILY, 0 ON APR 1

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	16 600
FEB	---	AUG	25 000
MAR	---	SEP	24 600
APR	20 800	OCT	6 800
MAY	32 600	NOV	---
JUN	17 800	DEC	---

TOTAL DISCHARGE, 141 000 dam³

LOBSTICK RIVER NEAR STYAL - STATION NO. 07EB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.258	1.608	1.40 E	3.508	12.5	5.62	6.06	1.30	1.82	5.62	5.508	4.808	1
2	2.458	1.478	1.25 E	10.6 E	12.0	5.61	5.19	1.26	1.74	5.56	4.858	4.778	2
3	2.858	1.328	1.15 E	9.218	12.0	5.20	4.65	1.36	1.70	5.03	4.188	4.788	3
4	2.608	1.238	1.10 E	3.718	12.2	4.74	3.85	1.34	1.86	5.06	3.608	4.758	4
5	2.868	1.238	1.04 E	3.288	12.7	4.86	3.33	1.30	1.83	5.52	3.778	4.778	5
6	3.008	1.238	1.00 E	4.038	11.1	5.32	3.12	1.30	2.47	5.76	3.808	4.778	6
7	3.048	1.328	0.970E	14.7 E	10.4	4.64	2.75	1.29	1.97	5.62	3.268	4.748	7
8	2.978	1.258	0.940E	18.4 E	10.4	4.78	2.67	1.38	1.80	5.42	3.338	4.608	8
9	2.758	1.288	0.920E	18.0 E	10.4	4.71	2.29	1.43	1.72	5.33	3.308	4.608	9
10	2.608	1.308	0.910E	18.9 E	10.3	4.36	2.17	1.42	1.66	5.42	5.188	4.828	10
11	2.558	1.408	0.900E	14.3	10.4	4.38	2.08	1.43	1.61	5.45	8.228	4.838	11
12	2.838	1.498	1.02 E	13.8	10.1	4.21	2.26	1.50	2.30	5.66	7.468	4.858	13
13	3.148	1.758	1.10 E	14.0	9.21	4.01	2.50	1.67	10.3	5.93	7.088	4.878	13
14	2.708	1.808	1.33 E	14.6	8.30	3.87	2.43	1.84	2.05	5.65	6.678	4.908	14
15	2.678	2.008	1.33 E	13.7	8.81	3.66	2.16	1.80	1.72	5.95	5.978	4.938	15
16	3.458	1.878	1.50 E	13.1	8.41	5.33	2.29	2.15	1.93	5.95	5.458	4.988	16
17	2.338	1.808	1.60 E	12.8	8.12	3.81	2.05	1.80	1.30	6.20	5.328	5.028	17
18	2.258	1.708	2.10 E	12.5	7.91	3.64	2.04	1.88	8.35	6.63	5.008	5.178	18
19	2.138	1.858	2.45 E	12.0	7.58	3.55	2.73	1.80	6.00	6.06	5.808	5.408	19
20	2.048	1.808	2.70 E	13.2	7.88	3.76	2.76	1.86	8.18	6.18	6.838	5.888	20
21	2.878	1.878	2.88 E	12.8	7.40	3.88	2.46	1.81	8.33	6.02	5.478	5.838	21
22	3.348	1.878	2.80 E	11.7	7.13	3.86	2.20	1.77	8.81	6.13	5.368	5.748	22
23	3.188	2.008	2.10 E	12.8	8.74	3.84	2.18	1.88	8.81	6.38	5.278	5.858	23
24	2.838	2.308	1.80 E	14.7	8.27	13.1	2.13	1.85	8.30	6.87	5.178	5.818	24
25	2.468	2.858	1.85 E	14.7	8.48	18.0	2.13	1.84	5.33	6.27	5.148	6.818	25
26	2.338	2.408	1.63 E	13.8	8.54	10.5	1.88	1.78	6.21	5.28	5.048	4.588	26
27	2.278	2.348	1.36 E	14.3	8.20	9.18	2.01	1.81	8.66	5.83	4.988	4.388	27
28	2.198	1.788	1.23 E	13.8	8.27	8.14	1.86	1.81	5.88	5.28	4.838	4.108	28
29	2.068		1.13 E	13.3	8.83	8.28	1.83	1.36	8.58	5.19	4.878	3.878	29
30	1.858		1.08 E	13.6	8.40	7.82	1.62	1.44	5.68	5.388	4.838	3.888	30
31	1.738		1.30 E		8.67		1.38	1.83		5.888		3.408	31
TOTAL	78.48	48.78	48.360	388.84	274.81	187.80	81.48	48.38	142.81	184.83	150.88	152.78	TOTAL
MEAN	2.86	1.87	1.48	13.3	8.84	5.60	2.62	1.58	4.78	5.86	5.02	4.83	MEAN
MAX	3.34	2.86	2.88	18.0	12.7	18.0	6.06	2.15	10.3	6.63	7.48	6.74	MAX
MIN	1.73	1.23	0.900	3.28	8.30	3.56	1.38	1.28	1.81	5.33	3.30	3.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.76
MAXIMUM DAILY, 18.08 ON APR 8
MINIMUM DAILY, 0.8000 ON MAR 11
MAXIMUM INSTANTANEOUS,
18.8 AT 03:15 MST ON JUN 25

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 38 45 N
LONG 115 05 20 W
DRAINAGE AREA, 1 870 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 870	JUL	7 040
FEB	4 040	AUG	4 170
MAR	3 820	SEP	12 400
APR	22 000	OCT	16 000
MAY	33 700	NOV	13 000
JUN	10 800	DEC	13 200

TOTAL DISCHARGE, 161 000 dam³

LODGE CREEK AT HIGHWAY NO. 41 - STATION NO. 11AB902

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.88	0.288	0.010	0	0.018	0.016	---	---	1
2	---	---	---	---	1.74	0.262	0.008	0	0.003	0.014	---	---	2
3	---	---	---	---	1.63	0.191	0.008	0	0	0.013	---	---	3
4	---	---	---	---	1.86	0.103	0.006	0.003	0	0.013	---	---	4
5	---	---	---	---	1.74	0.076	0.008	0.003	0	0.012	---	---	5
6	---	---	---	---	1.27	0.058	0.008	0	0.009	0.012	---	---	6
7	---	---	---	---	0.969	0.026	0.006	0	0.111	0.012	---	---	7
8	---	---	---	---	0.808	0.023	0.007	0	0.127	0.012	---	---	8
9	---	---	---	2.72A	0.606	0.024	0.007	0	0.130	0.012	---	---	9
10	---	---	---	9.35	0.703	0.023	0.006	0	0.134	0.011	---	---	10
11	---	---	---	11.6	0.606	0.022	0.005	0	0.127	0.012	---	---	11
12	---	---	---	11.7	0.576	0.020	0.005	0	0.315	0.016	---	---	12
13	---	---	---	6.27	1.74	0.015	0.004	0	1.87	0.016	---	---	13
14	---	---	---	4.39	3.45	0.018	0.005	0	0.972	0.013	---	---	14
15	---	---	---	3.02	5.73	0.018	0.006	0	0.015	0.012	---	---	15
16	---	---	---	1.83	3.23	0.018	0.006	0.002	0.010	0.013	---	---	16
17	---	---	---	1.64	1.61	0.015	0.005	0.008	0.018	0.012	---	---	17
18	---	---	---	1.53	1.18	0.014	0.005	0.012	0.023	0.012	---	---	18
19	---	---	---	1.44	0.888	0.015	0.005	0.017	0.066	0.011	---	---	19
20	---	---	---	1.31	0.780	0.015	0.004	0.019	0.037	0.011	---	---	20
21	---	---	---	1.15	0.551	0.015	0.004	0.038	0.021	0.011	---	---	21
22	---	---	---	1.01	0.400	0.015	0.003	0.038E	0.015	0.011	---	---	22
23	---	---	---	1.17	0.313	0.013	0.002	0.033E	0.013	0.011	---	---	23
24	---	---	---	1.34	0.288	0.013	0	0.030E	0.887	0.011	---	---	24
25	---	---	---	1.84	0.231	0.013	0	0.027E	0.743	0.011	---	---	25
26	---	---	---	1.92	0.206	0.012	0	0.024A	0.186	0.011	---	---	26
27	---	---	---	1.65	0.208	0.013	0.001	0.024	0.042	0.012	---	---	27
28	---	---	---	3.45	0.183	0.011	0	0.024	0.023	0.013	---	---	28
29	---		---	10.2	0.113	0.010	0	0.050	0.020	0.012E	---	---	29
30	---		---	2.93	0.138	0.010	0	0.084	0.018	0.012E	---	---	30
31	---		---		0.287		0	0.026		0.012E		---	31
TOTAL	---	---	---	---	38.235	1.343	0.140	0.438	4.839	0.380	---	---	TOTAL
MEAN	---	---	---	---	1.17	0.045	0.005	0.014	0.161	0.012	---	---	MEAN
MAX	---	---	---	---	5.73	0.288	0.010	0.084	1.87	0.016	---	---	MAX
MIN	---	---	---	---	0.113	0.010	0	0	0	0.011	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.236
MAXIMUM DAILY, 5.73 ON MAY 15
MINIMUM DAILY, 0 ON JUL 26
MAXIMUM INSTANTANEOUS,
17.7 AT 10:30 MST ON APR 29

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 10 N
LONG 110 15 30 W
DRAINAGE AREA, 300 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	12.1
FEB	---	AUG	37.8
MAR	---	SEP	416
APR	---	OCT	32.8
MAY	3 130	NOV	---
JUN	116	DEC	---

TOTAL DISCHARGE, 3 750 dam³

LOGAN RIVER NEAR THE MOUTH - STATION NO. 07CA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.4848	0.5328	6.01	2.19	1.97	0.933	0.894	1.04 E	---	---	1
2	---	---	0.4848	0.5488	5.16	2.31	1.89	0.832	0.735	1.03 E	---	---	2
3	---	---	0.4848	0.5528	4.29	2.10	1.83	0.776	0.783	1.02 E	---	---	3
4	---	---	0.4848	0.8958	3.75	2.01	1.73	0.729	0.817	1.01 E	---	---	4
5	---	---	0.4848	1.32 E	7.67	1.94	1.88	0.701	0.949	1.00 E	---	---	5
6	---	---	0.4868	1.19 E	12.1	1.83	1.46	0.883	1.06	1.06 E	---	---	6
7	---	---	0.4818	0.9438	85.0	1.78	1.37	0.842	1.13	1.24 E	---	---	7
8	---	---	0.4818	0.9358	67.1	1.78	1.30	0.852	1.13	1.38 E	---	---	8
9	---	---	0.4828	0.9908	47.1	1.85	1.28	0.845	1.11	1.50 E	---	---	9
10	---	---	0.4818	1.33 E	30.9	1.91	1.24	0.840	1.08	1.48 E	---	---	10
11	---	---	0.4778	1.60 E	21.0	1.93	1.15	0.835	1.00	1.46 E	---	---	11
12	---	---	0.4798	1.88 E	15.7	1.87	1.13	0.823	0.900	1.41 E	---	---	12
13	---	---	0.4818	1.85 E	11.8	1.79	1.10	0.828	0.800	1.38 E	---	---	13
14	---	---	0.4849	2.05 E	9.60	1.72	1.14	0.818	0.700	1.44 E	---	---	14
15	---	---	0.4828	1.89 E	8.38	1.66	1.14	0.989	0.830	1.61 E	---	---	15
16	---	---	0.4818	1.63 E	7.66	1.70	1.16	0.873	0.870	1.58 E	---	---	16
17	---	---	0.4838	1.81 E	6.73	1.81	1.07	0.848	0.700	1.65 E	---	---	17
18	---	---	0.4868	1.89 E	6.03	1.88	1.00	0.833	0.700A	1.72 E	---	---	18
19	---	---	0.4818	1.81 E	6.34	1.80	0.986	0.833	0.707E	1.73 E	---	---	19
20	---	---	0.4808	1.81 E	5.83	1.72	0.914	0.885	0.690E	1.71 E	---	---	20
21	---	---	0.4838	1.28 E	5.87	1.89	0.884	0.883	0.840E	1.70 E	---	---	21
22	---	---	0.4868	1.37 E	5.28	1.83	0.883	0.478	0.890E	1.64 E	---	---	22
23	---	---	0.4868	1.61 E	5.07	1.78	0.878	0.488	0.740E	1.66 E	---	---	23
24	---	---	0.4868	1.38 E	5.86	1.96	0.857	0.478	0.780E	1.65 E	---	---	24
25	---	---	0.4848	2.13	5.71	2.16	0.823	0.834	0.850E	1.62 E	---	---	25
26	---	---	0.4838	2.39	5.55	2.04	0.833	0.887	0.900E	1.59 E	---	---	26
27	---	---	0.4868	2.81	5.41	2.07	0.834	0.881	0.950E	1.38 E	---	---	27
28	---	---	0.5068	4.80	5.32	2.04	0.900	0.873	0.990E	1.08 E	---	---	28
29	---		0.5128	5.60	5.26	2.33	0.998	0.884	1.02 E	0.9838	---	---	29
30	---		0.5168	5.66	5.33	2.11	1.02	0.920	1.04 E	0.9888	---	---	30
31	---		0.5338		5.31		1.01	0.948		0.9408		---	31
TOTAL	---	---	15.132	59.196	377.16	56.84	35.215	18.881	25.843	42.383	---	---	TOTAL
MEAN	---	---	0.488	1.97	12.2	1.98	1.17	0.813	0.861	1.37	---	---	MEAN
MAX	---	---	0.533	5.66	67.1	2.67	1.97	0.933	1.13	1.73	---	---	MAX
MIN	---	---	0.478	0.533	5.31	1.83	0.833	0.478	0.830	0.940	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.59
MAXIMUM DAILY, 67.1 ON MAY 8
MINIMUM DAILY, 0.4788 ON MAR 12
MAXIMUM INSTANTANEOUS,
77.3 AT 17:20 MST ON MAY 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 10 44 N
LONG 111 43 42 W
DRAINAGE AREA, 620 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 130
FEB	---	AUG	1 840
MAR	1 310	SEP	2 210
APR	5 110	OCT	3 660
MAY	32 800	NOV	---
JUN	5 080	DEC	---

TOTAL DISCHARGE, 84 700 dam³

LOMOND LATERAL NEAR HEADGATE - STATION NO. 05AC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	13.0	13.4	11.2	2.93	3.91	0	---	1
2	---	---	---	0	0	12.8	13.4	10.5	2.93	3.93	0	---	2
3	---	---	---	0	0	12.1	13.4	10.0	2.43	3.91	0	---	3
4	---	---	---	0	1.85	11.7	13.5	10.1	2.13	3.93	0A	---	4
5	---	---	---	0	2.88	11.6	13.3	10.2	2.13	1.48	---	---	5
6	---	---	---	0	2.88	11.8	12.5	9.68	1.92	0	---	---	6
7	---	---	---	0	4.43	12.5	13.1	9.34	1.76	0	---	---	7
8	---	---	---	0	5.70	12.9	13.7	8.83	1.76	0	---	---	8
9	---	---	---	0	5.70	12.8	14.0	8.17	1.76	0	---	---	9
10	---	---	---	0	5.93	12.4	13.8	7.96	1.73	0	---	---	10
11	---	---	---	0	6.11	12.7	13.8	7.93	1.74	0	---	---	11
12	---	---	---	0	6.18	13.3	14.0	7.48	1.67	0	---	---	12
13	---	---	---	0	6.32	13.0	13.7	6.83	1.86	0	---	---	13
14	---	---	---	0	6.41	13.3	13.8	6.93	2.24	0	---	---	14
15	---	---	---	0	6.34	13.0	13.9	6.92	3.33	0	---	---	15
16	---	---	---	0	6.33	12.7	14.0	6.18	2.50	0	---	---	16
17	---	---	---	0	6.26	12.5	13.9	5.81	2.72	0	---	---	17
18	---	---	---	0	6.41	12.3	13.9	5.80	2.72	0	---	---	18
19	---	---	---	0	6.45	13.1	13.9	5.85	2.73	0	---	---	19
20	---	---	---	0	6.47	13.2	13.8	5.83	2.72	0	---	---	20
21	---	---	---	0	7.67	13.0	13.8	4.21	2.69	0	---	---	21
22	---	---	---	0	8.77	12.8	13.9	4.19	2.70	0	---	---	22
23	---	---	---	0	8.86	12.6	13.5	4.13	3.80	0	---	---	23
24	---	---	---	0	8.82	12.3	13.3	4.18	3.93	0	---	---	24
25	---	---	0A	0	8.78	12.4	12.6	4.22	4.00	0	---	---	25
26	---	---	0	0	8.82	12.7	12.8	4.20	4.01	0	---	---	26
27	---	---	0	0	8.87	12.8	11.7	4.22	3.88	0	---	---	27
28	---	---	0	0	10.1	12.8	11.4	4.26	3.97	0	---	---	28
29	---		0	0	10.0	13.4	11.4	4.23	3.97	0	---	---	29
30	---		0	0	10.9	13.6	11.2	4.11	3.98	0	---	---	30
31	---		0		12.6		11.2	3.98		0		---	31
TOTAL	---	---	---	0	187.79	381.4	410.2	193.80	81.43	17.67	---	---	TOTAL
MEAN	---	---	---	0	6.38	12.7	13.2	6.32	2.71	0.551	---	---	MEAN
MAX	---	---	---	0	12.6	13.6	14.0	11.2	4.01	3.93	---	---	MAX
MIN	---	---	---	0	0	11.6	11.2	3.98	1.67	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.96
MAXIMUM DAILY, 14.0 ON JUL 9
MINIMUM DAILY, 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 13 50 N
LONG 112 39 40 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	35 400
FEB	---	AUG	16 700
MAR	---	SEP	7 040
APR	0	OCT	1 670
MAY	17 100	NOV	---
JUN	33 000	DEC	---

TOTAL DISCHARGE, 111 000 dam³

LOVETT RIVER NEAR THE MOUTH - STATION NO. 07BA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.9588	1.52	1.44	0.878	1.63	1.72	0.8778	---	1
2	---	---	---	---	1.02	1.34	1.34	0.838	1.63	1.64	---	---	2
3	---	---	---	---	1.86	1.34	1.37	0.886	1.48	1.57	---	---	3
4	---	---	---	---	1.45	1.20	1.21	0.851	1.64	1.45	---	---	4
5	---	---	---	---	1.12	1.30	1.13	0.951	1.83	1.40	---	---	5
6	---	---	---	---	0.972	1.36	1.07	0.481	2.36	1.38	---	---	6
7	---	---	---	---	0.899	1.29	1.03	0.517	2.07	1.33	---	---	7
8	---	---	---	---	0.946	1.44	0.993	1.88	1.90	1.38	---	---	8
9	---	---	---	---	0.886	1.37	0.960	1.89	1.88	1.37	---	---	9
10	---	---	---	---	0.806	1.28	0.889	1.73	2.11	1.24	---	---	10
11	---	---	---	---	0.755	1.22	0.851	1.50	2.10	1.32	---	---	11
12	---	---	---	---	0.736	1.15	0.931	2.08	2.73	1.26	---	---	12
13	---	---	---	---	0.883	1.13	0.675	2.36	7.71	1.18	---	---	13
14	---	---	---	---	0.853	1.10	0.834	1.95	4.47	1.17	---	---	14
15	---	---	---	---	0.832	1.09	0.763	4.34	3.31	1.21	---	---	15
16	---	---	---	0.8438	0.892	1.02	0.770	4.05	3.00	1.31	---	---	16
17	---	---	---	1.05 B	0.875	0.937	0.852	3.70	2.86	1.18	---	---	17
18	---	---	---	0.9888	0.885	0.840	0.785	3.28	2.74	1.10	---	---	18
19	---	---	---	0.9488	0.949	0.810	1.08	3.05	2.81	1.08	---	---	19
20	---	---	---	0.4838	0.834	0.818	0.903	3.21	2.83	1.09	---	---	20
21	---	---	---	0.3838	0.808	0.882	0.788	3.62	2.48	1.03	---	---	21
22	---	---	---	0.3838	0.488	0.832	0.784	2.66	3.47	1.00	---	---	22
23	---	---	---	0.3838	0.474	1.06	1.05	2.37	3.35	0.9788	---	---	23
24	---	---	---	0.3588	0.832	2.67	1.26	3.18	2.48	1.10 B	---	---	24
25	---	---	---	0.3948	1.24	3.73	1.02	3.04	2.31	0.8408	---	---	25
26	---	---	---	0.7478	1.04	2.88	0.834	1.89	2.20	0.8838	---	---	26
27	---	---	---	0.3888	1.08	2.10	0.733	1.48	2.18	0.8288	---	---	27
28	---	---	---	0.3398	1.47	1.82	0.668	1.77	3.03	0.7748	---	---	28
29	---		---	0.4738	1.66	1.67	0.851	1.67	1.82	0.7448	---	---	29
30	---		---	0.6748	1.88	1.53	0.878	1.82	1.78	0.7398	---	---	30
31	---		---		1.88		0.813	1.78		0.7288		---	31
TOTAL	---	---	---	---	30.878	42.517	28.035	88.988	74.59	35.606	---	---	TOTAL
MEAN	---	---	---	---	0.986	1.42	0.837	1.80	2.48	1.15	---	---	MEAN
MAX	---	---	---	---	1.84	3.73	1.44	4.34	7.71	1.73	---	---	MAX
MIN	---	---	---	---	0.474	0.810	0.813	0.851	1.48	0.889	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.47
MAXIMUM DAILY, 7.71 ON SEP 13
MINIMUM DAILY, 0.474 ON MAY 23
MAXIMUM INSTANTANEOUS,
8.84 AT 09:40 MST ON SEP 13

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 50 N
LONG 116 38 20 W
DRAINAGE AREA, 101 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 510
FEB	---	AUG	6 080
MAR	---	SEP	6 440
APR	---	OCT	3 070
MAY	2 840	NOV	---
JUN	3 870	DEC	---

TOTAL DISCHARGE, 33 400 dam³

LOWER KANANASKIS LAKE - STATION NO. 05BF005

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1886.37	1885.87	1882.65	1855.43	1854.42	1858.33	1861.28	1859.91	1860.25	1861.56	1865.09	1886.80	1
2	1886.37	1885.84	1882.47	1855.12	1854.48	1858.46	1861.31	1859.94	1860.28	1861.62	1865.09	1886.83	2
3	1886.34	1885.81	1882.28	1854.83	1854.55	1858.57	1861.37	1859.94	1860.34	1861.65	1865.12	1886.83	3
4	1886.34	1885.84	1882.04	1854.62	1854.61	1858.72	1861.46	1859.91	1860.37	1861.68	1865.27	1886.83	4
5	1886.34	1885.82	1881.83	1854.39	1854.67	1858.87	1861.53	1859.94	1860.37	1861.71	1865.37	1886.83	5
6	1886.34	1885.46	1881.82	1854.27	1854.70	1859.03	1861.62	1859.88	1860.37	1861.74	1865.46	1886.83	6
7	1886.34	1885.37	1881.40	1854.18	1854.76	1859.21	1861.71	1859.85	1860.37	1861.86	1865.52	1886.83	7
8	1886.26	1885.31	1881.19	1854.13	1854.82	1859.42	1861.77	1859.82	1860.36	1862.07	1865.58	1886.83	8
9	1886.26	1885.21	1881.07	1854.00	1854.88	1859.56	1861.80	1859.76	1860.46	1862.16	1865.58	1886.83	9
10	1886.26	1885.15	1880.92	1853.91	1854.94	1859.67	1861.86	1859.70	1860.49	1862.29	1865.58	1886.80	10
11	1886.28	1885.12	1880.73	1853.84	1855.00	1859.82	1861.89	1859.88	1860.52	1862.38	1865.61	1886.80	11
12	1886.28	1885.06	1880.48	1853.68	1855.08	1859.94	1861.98	1859.64	1860.64	1862.38	1865.67	1886.77	12
13	1886.28	1885.03	1880.25	1853.94	1855.06	1860.09	1862.04	1859.39	1860.73	1862.44	1865.79	1886.71	13
14	1886.25	1885.00	1880.03	1854.00	1855.13	1860.25	1862.10	1859.33	1860.79	1862.53	1865.88	1886.68	14
15	1886.22	1884.94	1879.82	1854.00	1855.25	1860.40	1862.10	1859.27	1860.89	1862.74	1866.04	1886.62	15
16	1886.19	1884.88	1879.58	1854.06	1860.31	1860.52	1862.17	1859.33	1860.95	1862.80	1866.07	1886.46	16
17	1886.16	1884.82	1879.36	1854.06	1855.40	1860.61	1862.23	1859.39	1861.01	1863.08	1866.10	1886.40	17
18	1886.13	1884.67	1879.27	1854.09	1855.52	1860.73	1862.29	1859.45	1861.04	1863.26	1866.22	1886.43	18
19	1886.13	1884.61	1879.12	1854.13	1855.67	1860.79	1862.35	1859.51	1861.10	1863.29	1866.34	1886.46	19
20	1886.13	1884.33	1878.84	1854.19	1855.88	1860.92	1862.41	1859.58	1861.16	1863.32	1866.46	1886.40	20
21	1886.10	1884.19	1878.67	1854.18	1856.01	1860.95	1862.44	1859.67	1861.22	1863.48	1866.58	1886.43	21
22	1886.07	1883.96	1878.33	1854.18	1856.22	1861.07	1862.20	1859.73	1861.25	1863.66	1866.68	1886.40	22
23	1886.04	1883.78	1878.05	1854.21	1856.47	1861.16	1861.83	1859.79	1861.31	1863.84	1866.74	1886.40	23
24	1886.01	1883.63	1877.81	1854.21	1856.71	1861.22	1861.43	1859.85	1861.37	1864.03	1866.74	1886.37	24
25	1886.01	1883.48	1877.58	1854.24	1857.01	1861.31	1861.07	1859.91	1861.37	1864.21	1866.83	1886.37	25
26	1885.95	1883.33	1877.28	1854.27	1857.26	1861.22	1860.86	1859.97	1861.40	1864.21	1866.89	1886.34	26
27	1885.95	1883.05	1877.01	1854.33	1857.41	1861.07	1860.61	1860.03	1861.43	1864.27	1866.89	1886.34	27
28	1885.88	1882.87	1876.88	1854.36	1857.59	1860.88	1860.31	1860.06	1861.46	1864.46	1866.86	1886.34	28
29	1885.82		1876.36	1854.33	1857.76	1861.07	1860.09	1860.12	1861.46	1864.60	1866.83	1886.31	29
30	1885.79		1876.04	1854.30	1857.86	1861.16	1859.81	1860.18	1861.53	1864.79	1866.80	1886.31	30
31	1885.76		1875.70		1858.14		1859.68	1860.22		1864.97		1886.28	31
MEAN	1886.15	1884.86	1879.49	1854.25	1855.76	1860.17	1861.95	1859.76	1860.68	1863.00	1866.06	1886.58	MEAN
MAX	1886.37	1885.87	1882.65	1855.43	1858.14	1861.31	1863.44	1860.22	1861.53	1864.97	1866.89	1886.83	MAX
MIN	1885.76	1882.87	1875.70	1853.84	1854.42	1858.33	1859.68	1859.27	1860.25	1861.56	1865.09	1886.28	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1985

MEAN, 1861.81
MAXIMUM DAILY, 1886.89 ON NOV 26
MINIMUM DAILY, 1853.84 ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 61 30 N
LONG 115 07 30 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
359 km²

WATER LEVELS ARE REFERRED TO TRANSALTA UTILITIES DATUM
APPLY 5.383 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOYALIST CREEK NEAR CONSORT - STATION NO. 05GA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.19 B	0.031	0.003	0.003	0	0.001	0.002	0.0038	---	1
2	---	---	0 B	1.80 B	0.018	0.002	0.002	0	0.001	0.002	0.0038	---	2
3	---	---	0 B	2.49 B	0.008	0.003	0.002	0	0.002	0.002	0.0038	---	3
4	---	---	0 B	1.54	0.017	0.002	0.001	0	0.002	0.004	0.0018	---	4
5	---	---	0 B	1.50	0.022	0.002	0.001	0	0.002	0.004	0.0038	---	5
6	---	---	0 B	1.48	0.013	0.003	0.001	0	0.002	0.004	---	---	6
7	---	---	0 B	1.16	0.009	0.003	0.001	0	0.002	0.014	---	---	7
8	---	---	0 B	1.04	0.008	0.002	0	0	0.002	0.006	---	---	8
9	---	---	0 B	1.32	0.008	0.002	0	0	0.002	0.008	---	---	9
10	---	---	0 B	0.986	0.007	0.002	0	0	0.002	0.008	---	---	10
11	---	---	0 B	0.817	0.007	0.002	0	0	0.001	0.006	---	---	11
12	---	---	0 B	0.435	0.018	0.002	0	0	0.163	0.006	---	---	12
13	---	---	0 B	0.316	0.019	0.003	0	0.001	0.316	0.007	---	---	13
14	---	---	0 B	0.266	0.013	0.003	0.001	0.001	0.270	0.007	---	---	14
15	---	---	0 B	0.181	0.018	0.003	0	0.002	0.174	0.008	---	---	15
16	---	---	0.0008	0.143	0.009	0.002	0.001	0.002	0.033	0.008	---	---	16
17	---	---	0.1008	0.111	0.007	0.002	0.002	0.001	0.008	0.009	---	---	17
18	---	---	0.3178	0.086	0.007	0.003	0.014	0.001	0.008	0.011	---	---	18
19	---	---	0.3248	0.068	0.008	0.001	0.014	0	0.002	0.013	---	---	19
20	---	---	0.3528	0.130	0.008	0.002	0.008	0	0.001	0.013	---	---	20
21	---	---	0.3308	0.128	0.004	0.002	0.006	0.003	0.001	0.011	---	---	21
22	---	---	0.1888	0.158	0.004	0.003	0.008	0.008	0.001	0.008	---	---	22
23	---	---	0.1478	0.208	0.004	0.002	0.007	0.012	0.002	0.003	---	---	23
24	---	---	0.1078	0.186	0.004	0.001	0.006	0.003	0.003	0.002	---	---	24
25	---	---	0.0878	0.207	0.008	0.001	0.005	0.002	0.002	0.001	---	---	25
26	---	---	0.0738	0.184	0.006	0.002	0.004	0	0.002	0.001	---	---	26
27	---	0B	0.0788	0.118	0.003	0.003	0.003	0	0.002	0.001	---	---	27
28	---	0B	0.0488	0.108	0.004	0.002	0.002	0	0.002	0.001	---	---	28
29	---		0.1208	0.078	0.006	0.002	0.001	0	0.002	0.0018	---	---	29
30	---		0.1408	0.092	0.003	0.003	0	0	0.003	0.0018	---	---	30
31	---		0.5808		0.003		0	0.001		0.0018		---	31
TOTAL	---	---	2.630	18.897	0.288	0.067	0.087	0.067	1.013	0.178	---	---	TOTAL
MEAN	---	---	0.091	0.630	0.010	0.002	0.003	0.003	0.034	0.006	---	---	MEAN
MAX	---	---	0.580	2.49	0.031	0.003	0.014	0.058	0.316	0.014	---	---	MAX
MIN	---	---	0	0.092	0.003	0.001	0	0	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MEAN, 0.068
MAXIMUM DAILY, 2.490 ON APR 3
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 04 N
LONG 110 45 54 W
DRAINAGE AREA, 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	8.36
FEB	---	AUG	7.62
MAR	344	SEP	97.6
APR	1 630	OCT	18.1
MAY	25.8	NOV	---
JUN	6.76	DEC	---

TOTAL DISCHARGE, 2 030 dam³

LUTOSE CREEK NEAR STEEN RIVER - STATION NO. 07EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0018	4.83 B	0.698	0.358	2.30	0.926	---	---	---	1
2	---	---	0 B	0.0018	4.40 B	0.570	0.403	0.350	2.04	0.868	---	---	2
3	---	---	0 B	0.0018	3.69 B	0.512	0.498	0.444	1.80	0.931	---	---	3
4	---	---	0 B	0.0018	3.72	0.475	0.495	0.446	1.57	0.938	---	---	4
5	---	---	0 B	0.0018	3.70	0.938	0.377	0.883	1.46	1.01	---	---	5
6	---	---	0 B	0.0018	11.0	0.882	0.342	0.800	1.43	1.02	---	---	6
7	---	---	0 B	0.0018	9.33	0.980	0.320	0.818	1.43	1.06	---	---	7
8	---	---	0 B	0.0018	8.83	0.956	0.306A	0.760	1.34	1.12	---	---	8
9	---	---	0 B	0.0018	8.04 A	0.897	0.290E	0.743	1.25	1.15	---	---	9
10	---	---	0 B	0.0028	6.91	1.01	0.274E	0.728	1.18	1.12	---	---	10
11	---	---	0 B	0.0078	7.27	0.958	0.268E	0.709	1.10	2.12	---	---	11
12	---	---	0 B	0.0278	7.03	0.930	0.220E	0.788	1.03	1.30	---	---	12
13	---	---	0 B	0.0688	6.56	0.906	0.195E	0.848	1.00	1.18	---	---	13
14	---	---	0 B	0.2048	6.08	0.883	0.170E	0.845	1.01	1.22	---	---	14
15	---	---	0 B	0.2638	5.80	0.957	0.158E	1.03	1.03	1.24	---	---	15
16	---	---	0 B	0.2748	5.21	1.02	0.135E	1.08	1.01	1.28	---	---	16
17	---	---	0 B	0.2598	4.82	1.14	0.120E	1.07	0.944	1.30	---	---	17
18	---	---	0 B	0.2978	4.43	1.24	0.110E	1.03	0.903	1.28	---	---	18
19	---	---	0 0.018	0.3608	4.10	1.24	0.104E	1.03	0.885	1.28	---	---	19
20	---	---	0.0028	0.6458	3.76	1.19	0.100E	1.21	0.817	1.24 B	---	---	20
21	---	---	0 0.028	0.7798	3.41	1.10	0.100E	1.37	0.921	1.18 B	---	---	21
22	---	---	0 0.028	0.9418	3.06	1.02	0.105E	1.46	0.970	1.06 B	---	---	22
23	---	---	0 0.028	0.9658	2.89	0.923	0.118E	1.54	1.01	1.01 B	---	---	23
24	---	---	0 0.018	0.9368	2.23 A	0.855	0.124A	1.43	1.04	0.978B	---	---	24
25	---	---	0 0.018	0.8868	1.81 A	0.803	0.128	1.51	1.07	0.748B	---	---	25
26	---	---	0 0.018	0.8848	1.68 A	0.816	0.175	1.54	1.05	0.584B	---	---	26
27	---	0B	0 0.018	1.06 B	1.30 A	0.843	0.233	2.03	1.02	0.634B	---	---	27
28	---	0B	0 0.018	2.40 B	0.975A	0.760	0.250	2.10	1.03	0.578B	---	---	28
29	---		0 0.018	3.27 B	0.810A	0.680	0.283	2.12	1.03	0.657B	---	---	29
30	---		0 0.018	3.80 B	0.753	0.598	0.283	2.08	1.01	0.680B	---	---	30
31	---		0 0.018		0.823		0.273	2.06		0.700B		---	31
TOTAL	---	---	0.017	18.380	144.361	28.387	7.487	35.113	35.870	32.428	---	---	TOTAL
MEAN	---	---	0.001	0.613	4.66	0.946	0.242	1.18	1.18	1.05	---	---	MEAN
MAX	---	---	0.002	3.80	11.0	1.24	0.503	2.12	2.30	2.12	---	---	MAX
MIN	---	---	0	0.001	0.753	0.598	0.100	0.259	0.885	0.534	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.24
MAXIMUM DAILY, 11.0 ON MAY 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
18.1 AT 13:30 MST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 24 20 N
LONG 117 15 42 W
DRAINAGE AREA, 282 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	947
FEB	---	AUG	3 120
MAR	1 47	SEP	3 080
APR	1 590	OCT	2 800
MAY	12 500	NOV	---
JUN	2 450	DEC	---

TOTAL DISCHARGE, 28 200 dam³

MACKAY CREEK AT WALSH - STATION NO. 08AH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.0208	0.883	1.33	0.047	0	0	0	0	---	---	1
2	---	0 B	0.0158	0.56	0.978	0.033	0	0	0	0	---	---	2
3	---	0 B	0.0108	7.83	0.782	0.028	0	0	0	0	---	---	3
4	---	0 B	0.0078	3.16	0.723	0.030	0	0	0	0	---	---	4
5	---	0 B	0.0068	1.37	0.769	0.019	0	0	0	0	---	---	5
6	---	0 B	0.0018	0.735	0.888	0.013	0	0	0	0	---	---	6
7	---	0 B	0.0028	0.659	0.498	0.011	0	0	0	0	---	---	7
8	---	0 B	0.0048	0.543	0.367	0.008	0	0	0	0	---	---	8
9	---	0 B	0.0108	0.713	0.288	0.006	0	0	0	0	---	---	9
10	---	0 B	0.0138	1.81	0.203	0.008	0	0	0	0	---	---	10
11	---	0 B	0.0138	2.61	0.184	0.004	0	0	0	0	---	---	11
12	---	0 B	0.0208	3.35	0.140	0.003	0	0	0	0	---	---	12
13	---	0 B	0.0308	3.44	0.214	0.002	0	0	0	0	---	---	13
14	---	0 B	0.0518	1.28	1.53	0.001	0	0	0	0	---	---	14
15	---	0 B	0.0728	1.13	3.21	0	0	0	0	0	---	---	15
16	---	0 B	0.1788	1.12	3.81	0	0	0	0	0	---	---	16
17	---	0 B	0.4818	0.900	2.01	0	0	0	0	0	---	---	17
18	---	0 B	0.1988	0.742	1.20	0	0	0	0	0	---	---	18
19	---	0 B	0.1388	0.676	0.782	0	0	0	0	0	---	---	19
20	---	0 B	0.2188	0.808	0.476	0	0	0	0	0	---	---	20
21	---	0 B	0.2038	0.857	0.384	0	0	0	0	0	---	---	21
22	---	0 B	0.3708	0.398	0.170	0	0	0	0	0	---	---	22
23	---	0 B	0.1888	0.367	0.084	0	0	0	0	0	---	---	23
24	---	0 B	0.0738	0.511	0.058	0	0	0	0	0	---	---	24
25	---	0.0088	0.0428	1.14	0.040	0	0	0	0	0	---	---	25
26	---	0.0618	0.0288	3.19	0.038	0	0	0	0	0	---	---	26
27	---	0.0278	0.1888	2.23	0.044	0	0	0	0	0	---	---	27
28	---	0.0258	0.1858	3.43	0.048	0	0	0	0	0	---	---	28
29	---		0.1318	4.77	0.064	0	0	0	0	0	---	---	29
30	0B		0.0708	3.61	0.057	0	0	0		0A	---	---	30
31	0B		0.0808		0.064		0	0		0E		---	31
TOTAL	---	0.138	3.110	58.831	20.986	0.185	0	0	0	0	---	---	TOTAL
MEAN	---	0.005	0.100	1.98	0.678	0.007	0	0	0	0	---	---	MEAN
MAX	---	0.031	0.481	8.88	3.81	0.047	0	0	0	0	---	---	MAX
MIN	---	0	0.001	0.367	0.038	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.304
MAXIMUM DAILY, 8.88 ON APR 2
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
13.1 AT 18:26 MST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 39 N
LONG 110 02 40 W
DRAINAGE AREA, 438 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	11.9	AUG	0
MAR	268	SEP	0
APR	8 080	OCT	0
MAY	1 810	NOV	---
JUN	16.8	DEC	---

TOTAL DISCHARGE, 7 170 dam³

MACKAY CREEK NEAR GRADURN GAP - STATION NO. 05AH042

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	00	0 B	1.97	0.303	0.087	0	0	0	0	---	---	1
2	---	00	0 B	2.47	0.156	0.049	0	0	0	0	---	---	2
3	---	00	0 B	0.834	0.131	0.036	0	0	0	0	---	---	3
4	---	00	0 B	0.649	0.208	0.030	0	0	0	0	---	---	4
5	---	00	0 B	0.336	0.172	0.021	0	0	0	0	---	---	5
6	---	00	0 B	0.285	0.088	0.010	0	0	0	0	---	---	6
7	---	00	0 B	0.206	0.048	0.005	0	0	0	0	---	---	7
8	---	00	0 B	0.325	0.037	0	0	0	0	0	---	---	8
9	---	00	0 B	0.610A	0.027	0	0	0	0	0	---	---	9
10	---	00	0 B	0.842E	0.020	0	0	0	0	0	---	---	10
11	---	00	0.0030	1.04 A	0.013	0.002	0	0	0	0.016	---	---	11
12	---	00	0.0258	0.784	0.013	0	0	0	0	0.032	---	---	12
13	---	00	0.0408	0.580	0.287	0	0	0	0	0	---	---	13
14	---	00	0.0500	0.513	0.823	0.367	0	0	0	0	---	---	14
15	---	00	0.0438	0.327	0.951	0.903	0	0	0	0.002	---	---	15
16	---	00	0.1758	0.244	0.456	0	0	0	0	0.008	---	---	16
17	---	00	0.2588	0.251	0.280	0	0	0	0	0.018	---	---	17
18	---	00	0.2498	0.203	0.178	0	0	0	0	0.001	---	---	18
19	---	00	0.2458	0.159	0.083	0	0	0	0	0	---	---	19
20	---	00	0.2008	0.093	0.036	0	0	0	0	0	---	---	20
21	---	00	0.1608	0.044	0.018	0	0	0	0	0	---	---	21
22	---	00	0.1358	0.148	0.008	0	0	0	0	0	---	---	22
23	---	00	0.1208	0.240	0.004	0	0	0	0	0	---	---	23
24	---	00	0.1508	0.279	0.001	0	0	0	0	0	---	---	24
25	---	00	0.1708	0.237	0.000	0	0	0	0	0.007	---	---	25
26	---	00	0.1638	0.382	0.074	0	0	0	0	0.007	---	---	26
27	---	00	0.1308	1.32	0.067	0	0	0	0	0.007	---	---	27
28	---	00	0.0758	1.61	0.054	0	0	0	0	0.005	---	---	28
29	---		0.0508	0.680	0.122	0	0	0	0	0.002	---	---	29
30	00		0.0458	0.298	0.147	0	0	0	0	0.005A	---	---	30
31	00		0.1008		0.098		0	0		0.005E		---	31
TOTAL	---	0	2.810	17.485	4.803	0.232	0	0	0	0.108	---	---	TOTAL
MEAN	---	0	0.084	0.582	0.155	0.008	0	0	0	0.003	---	---	MEAN
MAX	---	0	0.258	2.47	0.951	0.367	0	0	0	0.032	---	---	MAX
MIN	---	0	0	0.044	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.082
MAXIMUM DAILY, 2.47 ON APR 2
MINIMUM DAILY, 00 ON FEB 1
MAXIMUM INSTANTANEOUS,
8.42 AT 10:20 MST ON APR 1

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 26 N
LONG 110 02 33 W
DRAINAGE AREA, 75.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	226	SEP	0
APR	1 510	OCT	0.16
MAY	415	NOV	---
JUN	20.0	DEC	---

TOTAL DISCHARGE, 2 180 dam³

MACKAY RIVER ABOVE DUNKIRK RIVER - STATION NO. 07DB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0238	0.3008	9.72	5.77	0.346	0.058	0	0.376	0.3728	---	1
2	---	---	0.0238	0.4708	9.79	5.38	0.289	0.063	0.003	0.380	0.3638	---	2
3	---	---	0.0238	0.7508	9.85	4.84	0.249	0.075	0.013	0.387	---	---	3
4	---	---	0.0238	1.30 B	10.5 E	4.52	0.208	0.063	0.027	0.387	---	---	4
5	---	---	0.0238	1.90 B	12.0 E	4.04	0.162	0.047	0.037	0.405	---	---	5
6	---	---	0.0238	1.94 B	15.0 E	3.88	0.107	0.033	0.048	0.405	---	---	6
7	---	---	0.0238	1.98 B	18.0 E	3.33	0.126	0.032	0.055	0.400	---	---	7
8	---	---	0.0238	1.95 B	20.0 E	3.05	0.122	0.012	0.056	0.423	---	---	8
9	---	---	0.0238	1.98 B	22.0 E	2.80	0.106	0.001	0.052	0.527	---	---	9
10	---	---	0.0238	2.18 B	23.0 E	3.30	0.067	0	0.057	0.500	---	---	10
11	---	---	0.0238	2.80 B	23.6 E	2.04	0.084	0	0.057	0.490	---	---	11
12	---	---	0.0238	3.50 B	23.3 E	1.74	0.052	0	0.050	0.515	---	---	12
13	---	---	0.0238	5.20 B	23.6 E	1.46	0.052	0	0.043	0.582	---	---	13
14	---	---	0.0238	6.20 B	21.6 E	1.71	0.060	0	0.040	0.540	---	---	14
15	---	---	0.0238	6.45 B	20.3 E	1.31	0.034	0	0.045	0.563	---	---	15
16	---	---	0.0238	6.40 B	19.5 E	1.10	0.042	0	0.051	0.581	---	---	16
17	---	---	0.0248	6.10 B	18.2 E	0.898	0.041	0	0.075	0.611	---	---	17
18	---	---	0.0268	5.80 B	17.0 E	0.898	0.042	0	0.096	0.661	---	---	18
19	---	---	0.0308	5.40 B	15.8 E	0.820	0.034	0	0.113	0.612	---	---	19
20	---	---	0.0378	5.30 B	14.8 E	0.787	0.042	0	0.140	0.588	---	---	20
21	---	---	0.0508	5.18 B	13.8 E	0.708	0.047	0	0.176	0.622	---	---	21
22	---	---	0.0588	5.40 B	12.8 E	0.827	0.048	0	0.203	0.588	---	---	22
23	---	---	0.0508	5.80 B	11.4	0.829	0.051	0	0.238	0.710	---	---	23
24	---	---	0.0588	5.70 B	10.8	0.617	0.038	0	0.262	0.679	---	---	24
25	---	---	0.0588	7.58	8.80	0.838	0.038	0	0.288	0.632	---	---	25
26	---	---	0.0508	8.01	9.15	0.824	0.038	0	0.333	0.697	---	---	26
27	---	---	0.0508	8.84	8.38	0.818	0.068	0	0.360	0.646	---	---	27
28	---	---	0.0578	8.08	7.30	0.877	0.067	0	0.371	0.670	---	---	28
29	---	---	0.0638	9.38	6.78	0.830	0.068	0	0.380	0.618	---	---	29
30	---	---	0.0508	8.85	6.18	0.617	0.080	0	0.388	0.3958	---	---	30
31	---	---	0.0588		6.00		0.094	0		0.3928		---	31
TOTAL	---	---	1.316	143.770	449.87	58.261	2.981	0.443	4.073	18.313	---	---	TOTAL
MEAN	---	---	0.042	4.79	14.5	1.94	0.096	0.014	0.136	0.694	---	---	MEAN
MAX	---	---	0.068	8.85	23.6	5.77	0.346	0.068	0.388	0.710	---	---	MAX
MIN	---	---	0.023	0.300	6.00	0.617	0.034	0	0	0.378	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.76
MAXIMUM DAILY, 23.6E ON MAY 11
MINIMUM DAILY, 0 ON AUG 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 46 39 N
LONG 112 36 50 W
DRAINAGE AREA, 1 010 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	359
FEB	---	AUG	38.3
MAR	114	SEP	393
APR	13 300	OCT	1 230
MAY	38 900	NOV	---
JUN	5 930	DEC	---

TOTAL DISCHARGE, 59 900 dam³

MACKAY RIVER NEAR FORT MACKAY - STATION NO. 07DB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9000	0.8000	0.4930	9.7300	80.6	27.6	4.09	1.02	0.562	1.74	3.00 B	0.4500	1
2	0.8300	0.9050	0.4920	9.7900	93.1	26.6	3.84	0.944	0.490	1.67	2.95 B	0.4300	2
3	0.8600	0.9910	0.4910	1.65 B	94.0	25.3	3.04	0.808	0.480	1.66	2.84 B	0.4100	3
4	0.8400	0.9860	0.4890	3.30 B	76.9	23.3	2.72	0.745	0.461	1.62	2.78 B	0.3950	4
5	0.8300	0.9830	0.4860	3.30 B	222	21.6	2.56	0.773	0.434	1.63	2.72 B	0.3800	5
6	0.8100	0.9770	0.4870	5.30 B	339	20.4	2.15	0.785	0.392	1.66	2.65 B	0.3700	6
7	0.8000	0.9730	0.4880	11.0 B	336	20.8	1.86	0.739	0.389	1.67	2.58 B	0.3650	7
8	0.8000	0.9660	0.4850	11.3 B	286	20.3	1.63	0.703	0.367	2.07	2.52 B	0.3450	8
9	0.7900	0.9640	0.4830	11.4 B	228	18.7	1.52	0.638	0.371	2.10	2.30 B	0.3350	9
10	0.7800	0.9590	0.4820	11.3 B	203	17.7	1.41	0.578	0.384	2.11	2.00 B	0.3250	10
11	0.7720	0.9550	0.4810	11.4 B	184	16.6	1.18	0.508	0.365	2.20	1.80 B	0.3150	11
12	0.7640	0.9500	0.4800	20.0 B	168	16.2	1.03	0.458	0.387	2.86	1.60 B	0.3050	12
13	0.7560	0.9460	0.4790	20.4 B	155	13.4	0.961	0.438	0.368	2.71	1.45 B	0.3000	13
14	0.7480	0.9410	0.4780	20.2 B	141	12.7	0.875	0.422	0.388	2.73	1.30 B	0.2900	14
15	0.7400	0.9360	0.4760	20.0 B	128	13.3	0.803	0.415	0.375	3.00	1.70 B	0.2850	15
16	0.7320	0.9320	0.4750	27.0 B	117	12.4	0.796	0.388	0.433	3.13	1.10 B	0.2788	16
17	0.7240	0.9270	0.4740	40.0 B	105	10.9	0.781	0.326	0.500	3.10	1.00 B	0.2728	17
18	0.7150	0.9230	0.4740	38.8 B	95.5	9.47	0.782	0.313	0.535	3.47	0.9308	0.2678	18
19	0.7050	0.9180	0.9340	39.9 B	87.6	8.47	0.764	0.280	0.855	3.47	0.8708	0.2808	19
20	0.6958	0.9140	0.8000	38.4 B	80.3	7.81	0.883	0.407	0.839	3.84	0.8108	0.2658	20
21	0.6870	0.9080	1.10 B	26.3	73.3	7.43	0.847	0.415	0.875	3.82	0.7608	0.2508	21
22	0.6788	0.9058	1.05 B	24.9	68.4	7.08	0.887	0.448	0.783	3.51	0.7108	0.2488	22
23	0.6718	0.9008	1.00 B	23.7	60.6	6.34	0.894	0.822	0.837	3.46	0.6868	0.2438	23
24	0.8038	0.4988	0.9408	26.8	55.2	5.89	0.773	0.448	0.841	3.47	0.6308	0.2408	24
25	0.8958	0.4988	0.8308	28.8	48.4	5.56	0.801	0.441	0.854	4.38	0.6008	0.2388	25
26	0.8468	0.4988	0.7808	40.7	44.1	5.88	1.04	0.388	0.845	3.06	0.5858	0.2348	26
27	0.8408	0.4988	0.7408	58.6	38.2	5.76	1.08	0.482	1.10	3.86	0.5408	0.2308	27
28	0.8338	0.4948	0.8808	70.1	33.3	5.88	1.04	0.817	1.30	3.438	0.5108	0.2288	28
29	0.8248		0.8508	88.1	28.6	5.26	1.11	0.481	1.83	3.388	0.4908	0.2268	29
30	0.8188		0.8808	84.7	26.3	4.81	1.11	0.833	1.70	3.128	0.4658	0.2248	30
31	0.9088		0.7008		27.6		1.09	0.811		3.058		0.2228	31
TOTAL	22.784	19.132	19.087	770.040	3 817.1	406.14	62.130	15.988	19.483	87.72	44.348	9.303	TOTAL
MEAN	0.734	0.940	0.615	25.7	117	13.5	1.39	0.547	0.649	2.83	1.48	0.287	MEAN
MAX	0.900	0.900	1.10	70.1	338	27.6	4.09	1.02	1.70	4.38	3.00	0.480	MAX
MIN	0.808	0.484	0.474	0.720	37.6	4.81	0.547	0.290	0.384	1.67	0.495	0.223	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.0
MAXIMUM DAILY, 339 ON MAY 6
MINIMUM DAILY, 0.2228 ON DEC 31
MAXIMUM INSTANTANEOUS,
370 AT 23:00 MST ON MAY 6

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 12 36 N
LONG 111 41 36 W
DRAINAGE AREA, 9 870 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 970	JUL	3 730
FEB	1 310	AUG	1 470
MAR	1 650	SEP	1 680
APR	66 500	OCT	7 580
MAY	313 000	NOV	3 830
JUN	35 000	DEC	795

TOTAL DISCHARGE, 439 000 dam³

MAGRATH IRRIGATION DISTRICT CANAL NEAR SPRING COULEE - STATION NO. 05AE021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0.639	3.80	2.07	0	0.134	---	---	1
2	---	---	---	0	0	0.630	3.86	3.07	0.130	0.181	---	---	2
3	---	---	---	0	0	0.988	3.13	2.02	0.428	0.256	---	---	3
4	---	---	---	0	0	1.05	3.43	1.83	0.434	0.353	---	---	4
5	---	---	---	0	0	1.19	3.43	1.74	0.380	0.403	---	---	5
6	---	---	---	0	0	1.24	3.19	1.78	0.264	0.440	---	---	6
7	---	---	---	0	0	1.34	3.80	1.84	0.147	0.438	---	---	7
8	---	---	---	0	0	1.38	3.87	1.44	0.080	0.418	---	---	8
9	---	---	---	0	0	1.17	3.80	1.48	0.035	0.427	---	---	9
10	---	---	---	0	0	1.84	3.83	1.37	0.005	0.348	---	---	10
11	---	---	---	0	0	0.77	3.66	1.26	0	0.188	---	---	11
12	---	---	---	0	0	1.83	3.45	0.874	0	0.167	---	---	12
13	---	---	---	0	0.114	1.78	3.44	0.835	0	0.158	---	---	13
14	---	---	---	0	0.203	1.83	3.43	0.884	0	0.088	---	---	14
15	---	---	---	0	0.277	1.84	3.38	0.774	0	0	---	---	15
16	---	---	---	0	0.380	1.84	3.39	0.887	0	0	---	---	16
17	---	---	---	0	0.388	1.87	3.38	0.498	0	0	---	---	17
18	---	---	---	0	0.428	2.07	3.35	0.472	0	0	---	---	18
19	---	---	---	0	0.565	2.35	3.99	0.443	0	0	---	---	19
20	---	---	---	0	0.865	2.24	3.73	0.478	0	0	---	---	20
21	---	---	---	0	0.883	2.26	3.67	0.431	0	0	---	---	21
22	---	---	---	0	1.43	1.90	3.88	0.241	0	0	---	---	22
23	---	---	---	0	1.82	1.78	3.72	0	0	0	---	---	23
24	---	---	---	0	1.81	1.71	3.36	0	0	0	---	---	24
25	---	---	---	0	1.80	1.83	3.16	0	0	0	---	---	25
26	---	---	---	0	1.55	2.00	3.40	0	0	0	---	---	26
27	---	---	0A	0	1.39	2.00	2.38	0	0	0	---	---	27
28	---	---	0	0	1.39	2.00	2.35	0	0	0	---	---	28
29	---		0	0	1.29	1.88	2.16	0	0.084	0	---	---	29
30	---		0	0	1.18	2.30	1.68	0	0.151	0	---	---	30
31	---		0		1.04		2.08	0		0		---	31
TOTAL	---	---	---	0	18.310	60.788	81.44	25.675	3.139	4.058	---	---	TOTAL
MEAN	---	---	---	0	0.591	1.88	3.86	0.832	0.071	0.131	---	---	MEAN
MAX	---	---	---	0	1.81	2.30	3.87	2.07	0.434	0.440	---	---	MAX
MIN	---	---	---	0	0	0.630	1.68	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.888
MAXIMUM DAILY, 3.87 ON JUL 8
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 55 N
LONG 113 03 15 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	7 900
FEB	---	AUG	3 200
MAR	---	SEP	184
APR	0	OCT	351
MAY	1 660	NOV	---
JUN	4 300	DEC	---

TOTAL DISCHARGE, 18 000 dam³

MALIGNE RIVER NEAR JASPER - STATION NO. 07AA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.00E	2.86	2.81	2.25	2.78	37.1	44.6	33.5	19.6	13.6	6.90	3.83	1
2	3.00E	2.87	2.44	2.34	3.40	37.8	45.3	32.0	19.3	13.2	6.88	3.86	2
3	3.00E	2.81	2.48	2.21	4.59	38.6	46.3	31.1	18.1	12.8	6.71	3.83	3
4	3.00E	2.48	2.43	2.08	4.47	38.7	45.4	30.3	18.8	12.3	6.49	3.83	4
5	2.95E	2.85	2.46	2.04	3.84	39.3	45.6	29.8	18.3	12.1	6.76	3.86	5
6	3.00E	2.85	2.38	2.00	3.60	38.1	45.3	29.4	18.8	11.7	6.82	3.87	6
7	3.05E	2.89	2.38	2.17	3.82	38.1	44.6	28.9	18.4	11.3	6.64	3.89	7
8	3.09E	2.59	2.31	2.31	3.90	38.0	44.7	28.5	17.9	10.3	6.53	3.81	8
9	3.15A	2.53	2.23	2.45	4.06	38.6	44.6	28.5	17.6	10.6	6.32	3.80	9
10	3.24	2.87	2.31	2.46	4.14	37.7	45.2	28.3	17.4	10.3	6.28	3.83	10
11	3.14	2.80	2.15	2.71	4.11	38.7	44.8	28.5	16.6	10.2	6.10	3.88	11
12	3.53	2.80	2.20	2.93	3.87	38.8	44.6	28.1	17.1	9.77	6.24	3.76	12
13	3.48	2.82	2.16	3.24	3.84	38.8	44.1	27.8	21.6	9.48	6.48	3.80	13
14	3.45	2.88	2.13	3.21	3.88	38.7	43.8	27.0	23.2	9.32	6.55	3.82	14
15	3.45	2.98	2.11	2.98	4.16	38.1	43.7	28.1	23.3	9.30	6.48	3.80	15
16	3.47	3.00	2.10	2.88	5.09	33.8	43.5	28.7	22.8	9.68	6.27	3.81	16
17	3.46	2.87	2.11	2.89	7.16	33.3	43.8	28.3	22.3	9.41	6.82	3.77	17
18	3.42	2.82	2.11	2.86	10.7	32.4	43.6	27.5	21.7	9.00	6.58	3.73	18
19	3.40	2.80	2.05	2.60	13.9	34.0	43.3	26.6	21.0	8.82	6.23	3.67	19
20	3.43	2.87	2.03	2.26	16.6	35.8	43.1	26.4	20.3	8.68	6.20	3.65	20
21	3.41	2.78	2.01	2.18	18.5	36.6	43.0	26.7	19.3	8.62	5.87	3.62	21
22	3.40	2.78	1.96	2.18	21.2	36.7	43.1	26.5	18.6	8.43	5.87	3.65	22
23	3.10	2.77	1.85	2.17	23.8	36.6	42.6	26.3	17.6	8.25	5.80	3.60	23
24	2.82	2.72	1.82	2.13	27.0	35.8	43.7	25.8	17.3	7.87	5.80	3.45	24
25	2.78	2.70	1.68	2.21	30.0	36.2	42.3	25.1	16.9	7.68	5.80	3.30	25
26	2.81	2.87	1.68	2.18	33.0	37.4	41.8	24.6	16.1	7.28	5.82	3.29	26
27	2.87	2.88	1.90	2.32	34.8	38.6	41.1	24.0	15.8	7.32	5.73	3.01	27
28	3.05	2.85	2.23	2.33	36.0	41.7	39.8	23.1A	14.8	6.58	5.76	3.07	28
29	3.01		2.30	2.40	36.9	43.0	38.3	21.6	14.8	7.24	5.60	3.32	29
30	2.84		2.19	2.48	36.6	44.5	36.6	20.7	14.0	7.02	5.82	3.33	30
31	2.84		2.22		37.0		35.0	20.3		7.14		3.25	31
TOTAL	97.28	78.82	67.43	72.86	466.21	1 119.3	1 335.5	848.0	580.0	288.07	190.15	111 89	TOTAL
MEAN	3.14	2.70	2.18	2.43	14.5	37.3	43.1	27.3	18.7	9.55	6.01	3.61	MEAN
MAX	3.53	3.00	2.81	3.24	37.0	44.6	46.6	33.5	23.2	13.6	6.90	3.89	MAX
MIN	2.84	2.48	1.68	2.00	2.78	33.3	35.0	20.2	14.0	6.58	3.73	3.01	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.2
MAXIMUM DAILY, 46.6 ON JUL 5
MINIMUM DAILY, 1.68 ON MAR 26
MAXIMUM INSTANTANEOUS,
46.3 AT 03:00 MST ON JUL 5

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 56 01 N
LONG 118 01 24 W
DRAINAGE AREA, 808 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 410	JUL	115 000
FEB	5 530	AUG	73 000
MAR	5 830	SEP	48 400
APR	6 300	OCT	25 800
MAY	36 700	NOV	13 000
JUN	95 700	DEC	8 630

TOTAL DISCHARGE, 447 000 dam³

MAHAWI LAKE CHANNEL AT OLD DOG CAMP - STATION NO. 07KF003

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.345	---	207.622	208.029	208.305	208.533	208.281	208.184	208.827	208.612	208.645	208.645	1
2	208.386	---	207.623	208.000	208.302	208.550	208.288	208.183	208.805	208.623	208.634	208.539	2
3	208.416	---	207.641	207.892	208.178	208.487	208.277	208.215	208.842	208.610	208.618	208.518	3
4	208.407	---	207.586	207.886	208.202	208.456	208.408	208.204	208.818	208.637	208.597	208.506	4
5	208.398	---	207.609	207.861	208.253	208.470	208.428	208.107	208.873	208.617	208.624	208.490	5
6	208.432	---	207.573	207.958	208.264	208.512	208.344	208.172	208.928	208.623	208.624	208.492	6
7	208.427	207.886	207.673	207.961	208.287	208.504	208.367	208.173	208.914	208.607	208.636	208.497	7
8	208.410	---	207.636	208.002	208.308	208.488	208.380	208.168	208.888	208.709	208.630	208.508	8
9	208.412	---	207.606	207.993	208.318	208.483	208.378	208.137	208.887	208.573	208.676	208.502	9
10	208.400	207.890	207.488	208.040	208.323	208.464	208.373	208.118	208.834	208.730	208.631	208.474	10
11	208.372	207.906	207.515	208.054	208.330	208.448	208.408	208.044	208.851	208.782	208.958	208.493	11
12	208.391	207.936	207.536	208.106	208.330	208.436	208.380	208.054	208.873	208.884	208.937	208.488	12
13	208.384	207.898	207.570	208.121	208.346	208.485	208.382	208.054	208.880	208.809	208.904	208.486	13
14	208.445	207.880	207.635	208.177	208.361	208.481	208.389	208.082	208.888	208.782	208.873	208.483	14
15	208.453	207.882	207.661	208.213	208.356	208.481	208.319	208.086	208.831	208.781	208.481	208.480	15
16	208.460	207.882	207.688	208.207	208.352	208.458	208.316	208.089	208.888	208.781	208.530	208.472	16
17	208.471	207.880	207.688	208.188	208.356	208.456	208.328	208.018	208.824	208.702	208.496	208.486	17
18	208.446	207.940	207.676	208.217	208.363	208.436	208.326	208.006	208.887	208.639	208.480	208.482	18
19	208.413	207.918	207.726	208.257	208.377	208.447	208.289	208.010	208.808	208.638	208.448	208.483	19
20	208.391	207.868	207.773	208.777	208.382	208.472	208.310	208.011	208.770	208.638	208.483	208.481	20
21	208.361	207.876	207.787	208.862	208.444	208.473	208.302	208.022	208.881	208.770	208.428	208.488	21
22	208.318	207.884	207.842	208.934	208.446	208.478	208.313	208.085	208.888	208.713	208.480	208.486	22
23	208.282	207.838	207.909	208.925	208.420	208.488	208.274	208.078	208.887	208.668	208.486	208.486	23
24	208.248	207.808	207.830	208.881	208.431	208.484	208.287	208.083	208.871	208.663	208.482	208.463	24
25	208.216	207.788	207.830	208.137	208.433	208.488	208.287	208.018	208.867	208.727	208.802	208.481	25
26	208.143	207.788	207.873	208.171	208.442	208.443	208.290	208.012	208.882	208.704	208.524	208.488	26
27	---	207.727	208.011	208.210	208.464	208.383	208.283	208.089	208.881	208.713	208.845	208.490	27
28	---	207.858	208.032	208.235	208.485	208.402	208.248	208.074	208.821	208.668	208.578	208.488	28
29	---		208.053	208.246	208.506	208.411	208.235	208.084	208.770	208.631	208.587	208.486	29
30	---		208.056	208.246	208.524	208.404	208.230	208.017	208.838	208.702	208.584	208.474	30
31	---		208.051		208.535		208.210	208.080		208.688		208.483	31
MEAN	---	---	207.735	208.481	208.386	208.482	208.328	208.084	208.870	208.748	208.539	208.483	MEAN
MAX	---	---	208.053	208.286	208.535	208.550	208.438	208.218	208.873	208.817	208.845	208.545	MAX
MIN	---	---	207.489	207.859	208.178	208.383	208.210	208.068	208.770	208.573	208.438	208.443	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 35 00 N
LONG 111 20 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

MANATOKAN CREEK NEAR IRON RIVER - STATION NO. 05AC000

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0720	0.001E	0.256	0.026	0.001E	0.001E	0.001E	---	---	1
2	---	---	0 B	0.0110	0.001E	0.246	0.025	0.001E	0.001E	0.001E	---	---	2
3	---	---	0 B	0.0058	0.001E	0.212	0.020	0.001E	0.001E	0.001E	---	---	3
4	---	---	0 B	0.0038	0.001E	0.180	0.023	0.001E	0.001E	0.001E	---	---	4
5	---	---	0 B	0.0038	0.001E	0.175	0.024	0.001E	0.001E	0.001E	---	---	5
6	---	---	0 B	0.0028	0.001E	0.188	0.019	0.001E	0.001E	0.001E	---	---	6
7	---	---	0 B	0.0028	0.245	0.165	0.015	0.001E	0.001E	0.001E	---	---	7
8	---	---	0 B	0.0058	0.434	0.198	0.020	0.001E	0.001E	0.001E	---	---	8
9	---	---	0 B	0.0078	0.431	0.164	0.009	0.001E	0.001E	0.001E	---	---	9
10	---	---	0 B	0.0098	0.453	0.149	0.001E	0.001E	0.001E	0.001E	---	---	10
11	---	---	0 B	0.0058	0.468	0.115	0.001E	0.001E	0.001E	0.001E	---	---	11
12	---	---	0 B	0.005	0.480	0.103	0.001E	0.001E	0.001E	0.001E	---	---	12
13	---	---	0 B	0.004	0.450	0.083	0.001E	0.001E	0.001E	0.001E	---	---	13
14	---	---	0 B	0.003	0.453	0.078	0.001E	0.001E	0.001E	0.001E	---	---	14
15	---	---	0 B	0.002	0.434	0.086	0.001E	0.001E	0.001E	0.001E	---	---	15
16	---	---	0 B	0.002	0.454	0.111	0.001E	0.001E	0.001E	0.001E	---	---	16
17	---	---	0 B	0.002	0.468	0.083	0.001E	0.001E	0.001E	0.001E	---	---	17
18	---	---	0 B	0.001	0.300	0.054	0.001E	0.001E	0.001E	0.001E	---	---	18
19	---	---	0 B	0.001	0.231	0.063	0.001E	0.001E	0.001E	0.001E	---	---	19
20	---	---	0 B	0.002	0.215	0.068	0.001E	0.001E	0.001E	0.001E	---	---	20
21	---	---	0 B	0.002	0.219	0.055	0.001E	0.001E	0.001E	0.001E	---	---	21
22	---	---	0 B	0.002	0.238	0.051	0.001E	0.001E	0.001E	0.001E	---	---	22
23	---	---	0 B	0.002	0.225	0.048	0.001E	0.001E	0.001E	0.001E	---	---	23
24	---	---	0 B	0.002	0.341	0.044	0.001E	0.001E	0.001E	0.001E	---	---	24
25	---	---	0 B	0.002	0.402	0.041	0.001E	0.001E	0.001E	0.001E	---	---	25
26	---	---	0 B	0.002	0.370	0.045	0.001E	0.001E	0.001E	0.001E	---	---	26
27	---	0B	0 B	0.001	0.348	0.072	0.001E	0.001E	0.001E	0.001E	---	---	27
28	---	0B	0 B	0.001	0.343	0.077	0.001E	0.001E	0.001E	0.001E	---	---	28
29	---		0 B	0.001E	0.321	0.051	0.001E	0.001E	0.001E	0.001E	---	---	29
30	---		0 B	0.001E	0.291	0.040	0.001E	0.001E	0.001E	0.001E	---	---	30
31	---		0.1308		0.287		0.001E	0.001E		0.001E		---	31
TOTAL	---	---	0.130	0.162	8.906	3.243	0.203	0.031	0.030	0.031	---	---	TOTAL
MEAN	---	---	0.004	0.005	0.287	0.108	0.007	0.001	0.001	0.001	---	---	MEAN
MAX	---	---	0.130	0.072	0.480	0.256	0.026	0.001	0.001	0.001	---	---	MAX
MIN	---	---	0	0.001	0.001	0.040	0.001	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.052
MAXIMUM DAILY, 0.480 ON MAY 12
MINIMUM DAILY, 0S ON MAR 1
MAXIMUM INSTANTANEOUS,
0.514 AT 11:39 MST ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 25 55 N
LONG 110 55 10 W
DRAINAGE AREA, 442 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	17.5
FEB	---	AUG	2.68
MAR	11.2	SEP	2.59
APR	14.0	OCT	2.68
MAY	770	NOV	---
JUN	280	DEC	---

TOTAL DISCHARGE, 1 100 dam³

MANYBERRIES CREEK AT BRODIN'S FARM - STATION NO. 05AF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	2.31	0.445	0.086	0	0	0	0	---	---	1
2	---	0B	0 B	7.53	0.355	0.062	0	0	0	0	---	---	2
3	---	0B	0 B	4.74	0.278	0.037	0	0	0	0	---	---	3
4	---	0B	0 B	1.61	0.245	0.020	0	0	0	0	---	---	4
5	---	0B	0 B	1.35	0.335	0.016	0	0	0	0	---	---	5
6	---	0B	0 B	1.20	0.236	0.010	0	0	0	0	---	---	6
7	---	0B	0 B	1.00	0.176	0.006	0	0	0	0	---	---	7
8	---	0B	0 B	0.819	0.143	0.005	0	0	0	0	---	---	8
9	---	0B	0 B	1.40	0.116	0.003	0	0	0	0	---	---	9
10	---	0B	0.1208	3.04	0.088	0.002	0	0	0	0	---	---	10
11	---	0B	0.2408	2.86	0.076	0.001	0	0	0	0	---	---	11
12	---	0B	0.3858	3.76	0.063	0	0	0	0	0	---	---	12
13	---	0B	0.6848	1.51	0.050	0	0	0	3.13	0	---	---	13
14	---	0B	1.20 B	1.26	0.030	0	0	0	0.823	0	---	---	14
15	---	0B	1.88 B	1.01	1.84	0	0	0	0.037	0	---	---	15
16	---	0B	3.52 B	0.888	1.15	0	0	0	0.058	0	---	---	16
17	---	0B	4.18 B	0.634	0.640	0	0	0	0.010	0	---	---	17
18	---	0B	3.80 B	0.577	0.430	0	0	0	0.004	0	---	---	18
19	---	0B	3.66	0.551	0.325	0	0	0	0.056	0	---	---	19
20	---	0B	4.24	0.563	0.269	0	0	0	0.049	0	---	---	20
21	---	0B	4.15	0.488	0.140	0	0	0	0.012	0	---	---	21
22	---	0B	1.71	0.352	0.063	0	0	0	0.007	0	---	---	22
23	---	0B	0.632	0.404	0.051	0	0	0	0.003	0	---	---	23
24	---	0B	0.563	0.370	0.027	0	0	0	0.003	0	---	---	24
25	---	0B	0.720	0.822	0.018	0	0	0	0.313A	0	---	---	25
26	---	0B	0.847	1.17	0.018	0	0	0	0.048	0	---	---	26
27	---	0B	0.790	0.883	0.014	0	0	0	0.007	0	---	---	27
28	---	0B	0.869	0.937	0.014	0	0	0	0.002	0	---	---	28
29	---		0.496	0.748	0.013	0	0	0	0	0	---	---	29
30	---		0.400	0.543	0.020	0	0	0	0	0A	---	---	30
31	0B		0.989		0.027		0	0		0B		---	31
TOTAL	---	0	38.814	44.488	8.304	0.350	0	0	3.282	0	---	---	TOTAL
MEAN	---	0	1.18	1.48	0.268	0.008	0	0	0.109	0	---	---	MEAN
MAX	---	0	4.34	7.53	1.84	0.086	0	0	3.13	0	---	---	MAX
MIN	---	0	0	0.352	0.013	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.227
MAXIMUM DAILY, 7.53 ON APR 2
MINIMUM DAILY, 0S ON FEB 1
MAXIMUM INSTANTANEOUS,
12.1 AT 14:40 MST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 30 N
LONG 110 43 30 W
DRAINAGE AREA, 330 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	3 000	SEP	264
APR	3 840	OCT	0
MAY	719	NOV	---
JUN	24.2	DEC	---

TOTAL DISCHARGE, 7 850 dam³

MARIE LAKE NEAR COLD LAKE - STATION NO. 06AC005

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	573.512E	573.508	573.602	573.714	573.668	573.585	573.522	573.433	---	---	1
2	---	---	573.512E	573.507	573.608	573.714	573.668	573.586	573.519	573.429	---	---	2
3	---	---	573.512E	573.507	573.613	573.708	573.668	573.585	573.519	573.427	---	---	3
4	---	---	573.512E	573.508	573.614	573.705	573.664	573.589	573.513	573.423	---	---	4
5	---	---	573.512A	573.512	573.623	573.708	573.662	573.596	573.522	573.422	---	---	5
6	---	---	573.512	573.514	573.628	573.705	573.661	573.592	573.507	573.412	---	---	6
7	---	---	573.512	573.514	573.636	573.706	573.654	573.589	573.503	573.408	---	---	7
8	---	---	573.513	573.518	573.638	573.716	573.651	573.585	573.500	573.405	---	---	8
9	---	---	573.510	573.519	573.642	573.710	573.648	573.568	573.498	573.402	---	---	9
10	---	---	573.510	573.519	573.643	573.707	573.643	573.565	573.494	573.402	---	---	10
11	---	---	573.509	573.518	573.652	573.707	573.640	573.565	573.494	573.401	---	---	11
12	---	---	573.509	573.519	573.656	573.704	573.637	573.569	573.498	573.401	---	---	12
13	---	---	573.512	573.521	573.662	573.704	573.633	573.558	573.491	573.397	---	---	13
14	---	---	573.508	573.521	573.666	573.707	573.632	573.552	573.490	573.396	---	---	14
15	---	---	573.509	573.521	573.674	573.706	573.626	573.552	573.488	573.392	---	---	15
16	---	---	573.506	573.523	573.680	573.704	573.623	573.547	573.488	573.400	---	---	16
17	---	---	573.512	573.526	573.687	573.705	573.619	573.544	573.488	573.404	---	---	17
18	---	---	573.516	573.531	573.691	573.704	573.614	573.542	573.472	573.405	---	---	18
19	---	---	573.518	573.531	573.694	573.703	573.611	573.526	573.470	573.403	---	---	19
20	---	---	573.517	573.548	573.697	573.696	573.609	573.536	573.469	573.404	---	---	20
21	---	---	573.515	573.586	573.702	573.694	573.604	573.534	573.473	573.402	---	---	21
22	---	---	573.512	573.580	573.702	573.697	573.604	573.532	573.467	573.402	---	---	22
23	---	---	573.510	573.572	573.704	573.698	573.595	573.532	573.468	573.401	---	---	23
24	---	---	573.511	573.577	573.703	573.691	573.587	573.533	573.467	573.401	---	---	24
25	---	---	573.510	573.576	573.701	573.684	573.589	573.531	573.464	573.400	---	---	25
26	---	---	573.510	573.582	573.701	573.678	573.600	573.523	573.463	573.398	---	---	26
27	---	---	573.509	573.588	573.703	573.677	573.597	573.513	573.446	573.395	---	---	27
28	---	---	573.507	573.593	573.713	573.674	573.594	573.511	573.439	573.395	---	---	28
29	---		573.508	573.597	573.713	573.671	573.595	573.509	573.435	573.394	---	---	29
30	---		573.509	573.599	573.710	573.669	573.592	573.512	573.435	573.392A	---	---	30
31	---		573.508		573.716		573.588	573.529		573.392E		---	31
MEAN	---	---	573.511	573.540	573.670	573.699	573.626	573.552	573.482	573.404	---	---	MEAN
MAX	---	---	573.518	573.599	573.716	573.716	573.668	573.586	573.522	573.433	---	---	MAX
MIN	---	---	573.507	573.507	573.602	573.669	573.588	573.508	573.435	573.392	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 573.716 ON MAY 31

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 35 35 N
LONG 110 18 15 W

A - MANUAL GAUGE

E - ESTIMATED

DRAINAGE AREA, 478 km²

MARMOT CREEK MAIN STEM NEAR SEEBE - STATION NO. 05BF016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.016	0.011	0.011	0.011	0.034	0.381	0.183	0.085	0.148	0.182E	0.074	0.035	1
2	0.016	0.011	0.011	0.012	0.058	0.350	0.177	0.088	0.140	0.158A	0.071	0.035	2
3	0.016	0.011	0.011	0.011	0.118	0.340	0.168	0.084	0.136	0.148	0.070	0.036	3
4	0.016	0.010	0.011	0.011	0.084	0.348	0.159	0.086	0.131	0.140	0.068	0.038	4
5	0.016	0.011	0.011	0.011	0.065	0.383	0.151	0.084	0.137	0.138	0.067	0.039	5
6	0.016	0.011	0.011	0.012	0.065	0.382	0.142	0.083	0.132	0.130	0.065	0.038	6
7	0.015	0.011	0.010	0.012	0.063	0.385	0.138	0.080	0.128	0.118	0.063	0.038	7
8	0.015	0.010	0.010	0.013	0.085	0.428	0.124	0.080	0.130	0.118	0.063	0.037	8
9	0.015	0.010	0.010	0.015	0.101	0.405	0.117	0.078	0.127	0.118	0.061	0.036	9
10	0.015	0.009	0.010	0.020	0.095	0.370	0.112	0.081	0.158	0.115	0.065	0.035	10
11	0.015	0.011	0.010	0.028	0.087	0.340	0.108	0.085	0.161	0.113	0.064	0.034	11
12	0.015	0.011	0.010	0.028	0.081	0.332	0.104	0.088	0.326	0.108	0.061	0.034	12
13	0.015	0.012	0.010	0.042	0.083	0.341	0.104	0.089	0.537	0.104	0.058	0.034	13
14	0.015	0.012	0.010	0.047	0.088	0.348	0.093	0.090	0.534	0.101	0.054	0.033	14
15	0.015	0.012	0.010	0.032	0.107	0.349	0.087	0.149	0.490E	0.100	0.054	0.033	15
16	0.014	0.012	0.010	0.026	0.151	0.334	0.086	0.181	0.437E	0.108	0.053	0.033	16
17	0.014	0.011	0.011	0.031	0.206	0.310	0.110	0.226	0.387E	0.098	0.050	0.032	17
18	0.014	0.011	0.011	0.031	0.278	0.284	0.091	0.241	0.344E	0.094	0.051	0.032	18
19	0.014	0.011	0.011	0.027	0.340	0.288	0.087	0.238	0.309E	0.094	0.049	0.031	19
20	0.014	0.011	0.011	0.036	0.378	0.317	0.086	0.256	0.279E	0.092	0.048	0.031	20
21	0.014	0.011	0.011	0.026	0.400	0.287	0.085	0.285	0.255E	0.091	0.047	0.031	21
22	0.014	0.011	0.011	0.023	0.419	0.272	0.082	0.317	0.234E	0.088	0.045	0.031	22
23	0.014	0.011	0.011	0.023	0.428	0.257	0.084	0.303	0.218E	0.086	0.045	0.031	23
24	0.014	0.011	0.011	0.022	0.444	0.230	0.078	0.284	0.205E	0.083	0.043	0.030	24
25	0.014	0.011	0.011	0.022	0.443	0.216	0.072	0.273	0.190E	0.082	0.041	0.030	25
26	0.014	0.011	0.011	0.022	0.426	0.198	0.068	0.258	0.183E	0.077	0.038	0.029	26
27	0.014	0.011	0.010	0.023	0.427	0.188	0.065	0.232	0.180E	0.082	0.037	0.029	27
28	0.014	0.011	0.011	0.026	0.398	0.184	0.063	0.218	0.180E	0.087	0.038	0.028	28
29	0.013		0.011	0.027	0.367	0.183	0.063	0.192	0.180E	0.078	0.037	0.028	29
30	0.012		0.010	0.028	0.362	0.188	0.061	0.188	0.180E	0.079	0.037	0.027	30
31	0.012		0.011		0.373		0.058	0.184		0.078		0.027	31
TOTAL	0.460	0.307	0.329	0.668	7.306	9.187	3.302	4.898	7.179	3.269	1.574	1.016	TOTAL
MEAN	0.015	0.011	0.011	0.023	0.236	0.306	0.103	0.158	0.239	0.105	0.051	0.033	MEAN
MAX	0.016	0.012	0.011	0.047	0.543	0.428	0.183	0.317	0.537	0.182	0.074	0.039	MAX
MIN	0.012	0.009	0.010	0.011	0.034	0.183	0.058	0.050	0.128	0.078	0.037	0.027	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.109
MAXIMUM DAILY, 0.543 ON MAY 25
MINIMUM DAILY, 0.009 ON FEB 10
MAXIMUM INSTANTANEOUS,
0.557 AT 16:48 MST ON MAY 26

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 01 N
LONG 115 03 00 W
DRAINAGE AREA, 9.49 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28.6	JUL	277
FEB	28.5	AUG	424
MAR	28.4	SEP	620
APR	58.4	OCT	282
MAY	631	NOV	136
JUN	794	DEC	88.0

TOTAL DISCHARGE, 3 410 dam³

MARTINEAU RIVER ABOVE COLD LAKE - STATION NO. 06AF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.298	2.238	2.238	3.808	38.1	38.1	15.0	7.78	5.75	4.48	4.208	2.258	1
2	2.268	2.238	2.238	4.198	37.2	35.2	14.4	7.38	5.33	4.58	4.408	2.208	2
3	2.278	2.228	2.228	4.808	36.4	34.8	14.6	7.58	5.84	4.78	4.108	2.188	3
4	2.288	2.238	2.238	5.508	35.6	34.1	14.4	7.43	6.06	5.26	4.788	2.108	4
5	2.258	2.228	2.228	5.858	30.7	33.1	13.4	6.54	6.15	5.14	4.458	2.068	5
6	2.248	2.228	2.228	5.808	35.0	33.8	13.0	6.02	7.16	4.83	4.308	2.008	6
7	2.238	2.228	2.228	5.758	34.0	33.0	12.8	6.20	6.05	5.43	4.108	1.968	7
8	2.238	2.228	2.228	5.738	42.6	34.2	13.6	6.43	6.68	4.82	4.68	1.928	8
9	2.228	2.228	2.228	5.708	46.0	36.4	13.8	6.15	6.12	4.58	3.858	1.888	9
10	2.238	2.228	2.238	5.728	48.5	34.1	11.8	6.36	6.10	3.98	3.758	1.868	10
11	2.228	2.228	2.228	5.838	51.3	34.2	11.1	7.74	5.78	4.18	3.858	1.818	11
12	2.228	2.228	2.228	6.408	51.8	32.7	11.1	7.28	5.66	4.78	3.568	1.788	12
13	2.238	2.228	2.228	7.508	51.8	33.2	11.0	7.88	5.98	5.28	3.478	1.748	13
14	2.228	2.228	2.228	8.008	50.3	32.8	11.8	7.57	6.18	5.86	3.408	1.718	14
15	2.238	2.228	2.248	10.3 E	48.8	31.6	11.1	6.94	5.42	5.308	3.308	1.688	15
16	2.228	2.228	2.388	10.8 E	46.2	33.7	11.8	6.81	5.77	4.908	3.208	1.868	16
17	2.228	2.228	2.388	10.8 E	46.8	28.6	11.2	7.03	5.38	4.808	3.158	1.828	17
18	2.228	2.228	2.318	10.8 E	46.7	33.4	10.2	6.88	7.38	4.948	3.058	1.618	18
19	2.228	2.238	2.358	11.8 E	43.5	28.6	10.4	6.88	6.47	4.88	3.008	1.588	19
20	2.228	2.228	2.408	12.8	39.4	31.1	10.3	6.48	6.28	5.01	2.838	1.548	20
21	2.228	2.228	2.458	13.8	36.2	31.7	9.48	6.78	4.73	5.24	2.858	1.578	21
22	2.228	2.228	2.508	12.2	33.8	18.7	9.12	7.13	5.68	5.19	2.758	1.578	22
23	2.228	2.228	2.578	12.7	32.6	19.3	9.87	6.82	6.68	5.86	2.708	1.588	23
24	2.228	2.228	2.648	14.2	30.4	18.5	9.74	6.82	6.28	5.67	2.628	1.588	24
25	2.228	2.228	2.738	17.8	28.8	18.2	8.84	6.88	6.37	5.70	2.868	1.608	25
26	2.228	2.228	2.808	20.1	28.3	18.2	8.82	6.32	6.68	5.83	2.508	1.618	26
27	2.228	2.228	2.918	21.6	27.0	17.1	8.68	6.18	6.62	6.18	2.458	1.638	27
28	2.228	2.228	3.038	23.2	26.8	16.6	9.22	6.81	7.13	5.34	2.408	1.668	28
29	2.228		3.158	24.4	26.8	15.3	8.82	6.18	6.82	6.668	2.358	1.678	29
30	2.228		3.268	25.4	25.7	15.3	8.31	6.04	6.68	6.788	2.308	1.688	30
31	2.228		3.588		26.7		8.17	6.07		6.868		1.718	31
TOTAL	69.11	62.18	76.83	333.07	1 184.8	851.6	342.47	218.83	178.48	162.48	104.08	55.04	TOTAL
MEAN	2.23	2.22	2.47	11.1	37.2	21.7	11.0	6.88	6.88	5.24	3.47	1.78	MEAN
MAX	2.28	2.32	3.88	25.4	51.8	38.4	15.0	8.28	8.88	8.88	8.28	2.28	MAX
MIN	2.23	2.22	2.23	3.88	26.7	15.3	8.17	6.04	4.88	3.98	2.38	1.87	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.33
MAXIMUM DAILY, 51.8 ON MAY 12
MINIMUM DAILY, 1.678 ON DEC 21
MAXIMUM INSTANTANEOUS,
53.0 AT 19:47 MST ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 41 10 N
LONG 110 01 35 W
DRAINAGE AREA, 8 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 970	JUL	29 600
FEB	5 370	AUG	18 700
MAR	8 820	SEP	15 500
APR	28 800	OCT	14 000
MAY	88 800	NOV	8 980
JUN	84 300	DEC	4 760

TOTAL DISCHARGE, 294 000 dam³

MASKWA CREEK NO. 1 ABOVE BEARHILLS LAKE - STATION NO. 05FA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1408	1.57 B	0.058	0.031	0.008	0.001	0.006	0.006	0.0078	---	1
2	---	---	0.1158	2.21 B	0.053	0.028	0.011	0	0.004	0.006	0.0078	---	2
3	---	---	0.1008	2.38 B	0.052	0.027	0.011	0	0.003	0.007	0.0078	---	3
4	---	---	0.0888	2.84	0.041	0.026	0.008	0	0.003	0.006	0.0078	---	4
5	---	---	0.0788	3.41	0.055	0.028	0.007	0	0.003	0.006	---	---	5
6	---	---	0.0688	1.98	0.055	0.028	0.008	0	0.003	0.006	---	---	6
7	---	---	0.0858	1.83	0.051	0.026	0.006	0.001	0.004	0.006	---	---	7
8	---	---	0.1008	1.14	0.051	0.023	0.003	0.018	0.004	0.005	---	---	8
9	---	---	0.1408	0.788	0.056	0.020	0.003	0.006	0.003	0.006	---	---	9
10	---	---	0.1858	0.594	0.048	0.021	0.001	0.007	0.003	0.008	---	---	10
11	---	---	0.2808	0.378	0.031	0.018	0	0.007	0.003	0.008	---	---	11
12	---	---	0.3308	0.282	0.049	0.015	0.004	0.008	0.003	0.007	---	---	12
13	---	---	0.4108	0.271	0.047	0.015	0.007	0.008	0.008	0.007	---	---	13
14	---	---	0.4908	0.245	0.046	0.012	0.005	0.008	0.007	0.008	---	---	14
15	---	---	0.5308	0.221	0.046	0.010	0.003	0.013	0.008	0.008	---	---	15
16	---	---	0.5408	0.207	0.043	0.008	0.003	0.010	0.007	0.010	---	---	16
17	---	---	0.5208	0.194	0.041	0.004	0.008	0.007	0.006	0.008	---	---	17
18	---	---	0.5068	0.188	0.038	0.008	0.008	0.008	0.007	0.008	---	---	18
19	---	---	0.5268	0.178	0.034	0.008	0.013	0.008	0.007	0.0088	---	---	19
20	---	---	0.4708	0.173	0.031	0.008	0.013	0.008	0.007	0.0088	---	---	20
21	---	---	0.3538	0.163	0.038	0.007	0.010	0.013	0.008	0.0088	---	---	21
22	---	---	0.2408	0.154	0.033	0.008	0.008	0.014	0.008	0.0078	---	---	22
23	---	---	0.1408	0.155	0.018	0.008	0.010	0.008	0.008	0.0078	---	---	23
24	---	---	0.1158	0.148	0.017	0.008	0.013	0.007	0.010	0.0078	---	---	24
25	---	0.0078	0.1588	0.138	0.023	0.008	0.008	0.007	0.010	0.0078	---	---	25
26	---	0.0088	0.1038	0.138	0.022	0.007	0.008	0.007	0.010	0.0078	---	---	26
27	---	0.1868	0.0748	0.118	0.018	0.008	0.052	0.008	0.008	0.0078	---	---	27
28	---	0.2068	0.0788	0.088	0.028	0.008	0	0.008	0.008	0.0078	---	---	28
29	---		0.0888	0.081	0.028	0.007	0	0.008	0.008	0.0078	---	---	29
30	---		0.1138	0.074	0.032	0.010	0	0.008	0.007	0.0078	---	---	30
31	---		0.2138		0.032		0.008	0.008		0.0078		---	31
TOTAL	---	---	7.884	20.582	1.288	0.432	0.188	0.188	0.188	0.231	---	---	TOTAL
MEAN	---	---	0.248	0.888	0.041	0.014	0.006	0.006	0.006	0.007	---	---	MEAN
MAX	---	---	0.838	2.84	0.058	0.031	0.013	0.018	0.010	0.010	---	---	MAX
MIN	---	---	0.074	0.074	0.017	0.008	0	0	0.003	0.008	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.125
MAXIMUM DAILY, 2.84 ON APR 4
MINIMUM DAILY, 0 ON JUL 11
MAXIMUM INSTANTANEOUS,
2.93 AT 01:45 MST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 47 05 N
LONG 113 37 48 W
DRAINAGE AREA, 75.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10.3
FEB	---	AUG	17.1
MAR	855	SEP	18.1
APR	1 780	OCT	10.1
MAY	108	NOV	---
JUN	37.3	DEC	---

TOTAL DISCHARGE, 2 850 dam³

MASSY RESERVOIR NEAR ELKWATER - STATION NO. 11AB104

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	28.165	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	28.889	---	---	---	5
6	---	---	28.570E	28.700E	28.870E	28.840	27.880E	28.700E	28.850E	27.400E	---	---	6
7	---	---	---	---	28.884	---	---	28.655	---	---	---	---	7
8	---	---	---	---	---	---	27.780	---	---	27.404	---	---	8
9	---	---	---	28.720	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	28.559	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	28.800E	28.902	28.992	28.770E	27.200E	28.080E	28.700E	27.419E	---	---	16
17	---	---	---	---	---	---	27.140	---	28.784	---	---	---	17
18	---	---	---	---	---	28.785	---	---	---	27.417	---	---	18
19	---	---	---	---	---	---	---	28.930	---	---	---	---	19
20	---	---	27.662	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	28.572E	28.804	---	---	---	---	---	27.380	---	---	---	25
26	---	---	---	28.904E	---	28.400E	---	---	27.230E	---	---	---	26
27	---	28.672	28.654	---	28.826E	---	27.129E	28.930E	---	27.392E	---	---	27
28	---	28.672E	---	---	28.821	---	---	28.930	---	27.380	---	---	28
29	---	---	---	28.905	---	---	27.132	---	---	---	---	---	29
30	---	---	---	28.902	---	28.218E	---	---	27.388E	---	---	---	30
31	---	---	28.660E	---	28.826E	---	27.020E	28.920E	---	27.388E	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 28.992 ON MAY 10
MINIMUM DAILY, 28.556 ON MAR 11

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 28 04 N
LONG 110 32 13 W

E - ESTIMATED

REGULATED

DRAINAGE AREA,
22.5 km²

MATZHIWIN CREEK ABOVE WARE COULEE - STATION NO. 05CJ007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.30 B	0.369	5.44	8.16	8.16	4.87	4.91	0.2308	---	1
2	---	---	0 B	1.41	0.384	6.36	8.22	8.88	4.71	5.78	0.2238	---	2
3	---	---	0 B	1.33	0.358	7.07	8.38	7.16	4.22	5.34	0.2208	---	3
4	---	---	0 B	1.12	0.353	6.59	8.04	7.06	4.08	3.21	0.2108	---	4
5	---	---	0 B	0.985	0.342	10.5	7.40	7.90	3.95	3.11	0.2008	---	5
6	---	---	0 B	0.831	0.329	8.55	7.37	7.83	3.91	1.79	0.1808	---	6
7	---	---	0 B	0.774	0.316	7.80	6.90	7.86	3.21	1.55	0.1808	---	7
8	---	---	0 B	0.679	0.311	7.48	7.86	7.16	3.12	1.32	0.1408	---	8
9	---	---	0 B	0.710	0.306	7.61	7.90	7.09	3.02	1.05 B	0.1208	---	9
10	---	---	0 B	0.888	0.288	8.86	7.76	8.04	2.87	0.945	0.1148	---	10
11	---	---	0 B	0.883	0.276	8.24	7.36	8.86	2.72	0.800	0.0958	---	11
12	---	---	0 B	0.809	0.268	7.88	7.10	8.87	2.39	0.680	0.0938	---	12
13	---	---	0.0108	0.882	0.262	8.03	8.34	8.01	3.81	0.808	0.1008	---	13
14	---	---	0.1008	0.882	0.242	7.81	8.00	7.70	3.24	0.611	0.1108	---	14
15	---	---	0.3508	0.818	0.212	8.16	8.83	7.80	3.84	0.483	0.1408	---	15
16	---	---	1.00 B	0.488	0.184	8.25	8.48	7.28	3.18	0.463	0.1408	---	16
17	---	---	3.38 B	0.481	0.190	8.18	7.03	8.87	1.84	0.468	0.1348	---	17
18	---	---	5.07 B	0.418	0.432	7.83	8.34	8.81	1.83	0.428	0.1328	---	18
19	---	---	5.27 B	0.408	0.618	7.85	8.34	8.33	1.33	0.408	---	---	19
20	---	---	5.13 B	0.408	0.845	7.78	7.85	8.84	1.00	0.378	---	---	20
21	---	---	3.13 B	0.8002	0.728	8.88	7.70	8.38	1.03	0.382	---	---	21
22	---	---	1.30 B	1.10 E	0.728	8.02	8.14	8.82	1.13	0.322	---	---	22
23	---	---	0.8588	0.8002	1.01	8.88	7.14	8.77	1.13	0.298	---	---	23
24	---	---	1.40 B	0.7502	1.48	8.00	8.43	8.44	1.38	0.267	---	---	24
25	---	---	1.93 B	2.10 E	1.00	8.02	8.36	8.78	1.02	0.288	---	---	25
26	---	0B	1.65 B	2.30 E	2.55	8.31	8.83	8.77	2.14	0.284	---	---	26
27	---	0B	1.80 B	1.60 E	3.08	8.78	7.12	8.84	2.08	0.276	---	---	27
28	---	0B	1.00 B	1.30 E	3.40	8.88	8.88	8.08	4.17	0.272	---	---	28
29	---		1.15 B	0.374	3.84	8.84	8.81	4.85	4.38	0.288	---	---	29
30	---		1.50 B	0.388	4.72	8.38	8.20	4.48	4.82	0.253	---	---	30
31	---		2.80 B		4.79		8.24	4.87		0.242		---	31
TOTAL	---	---	38.448	27.692	34.822	247.83.	238.38	208.88	88.27	38.388	---	---	TOTAL
MEAN	---	---	1.24	0.830	1.12	8.28	7.30	8.78	2.88	1.17	---	---	MEAN
MAX	---	---	5.27	2.30	4.79	10.5	8.38	8.87	8.22	8.78	---	---	MAX
MIN	---	---	0	0.388	0.180	8.44	8.24	4.47	1.00	0.242	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.78
MAXIMUM DAILY, 10.5 ON JUN 6
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 40 N
LONG 111 55 10 W
DRAINAGE AREA, 2 480 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	10 000
FEB	---	AUG	10 000
MAR	3 320	SEP	7 650
APR	3 380	OCT	3 140
MAY	9 000	NOV	---
JUN	21 400	DEC	---

TOTAL DISCHARGE, 75 800 dam³

MCALPINE CREEK (EAST FORK) NEAR ELKWATER LAKE - STATION NO. 05AH043

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	0.291	0.116	0.016	0	0	0	0	---	---	1
2	---	0B	0 B	0.388	0.063	0.012	0	0	0	0	---	---	2
3	---	0B	0 B	0.128	0.072	0.012	0	0	0	0	---	---	3
4	---	0B	0 B	0.084	0.068	0.012	0	0	0	0	---	---	4
5	---	0B	0 B	0.035	0.048	0.010	0	0	0	0	---	---	5
6	---	0B	0 B	0.026	0.040	0.005	0	0	0	0	---	---	6
7	---	0B	0 B	0.035	0.036	0	0	0	0	0	---	---	7
8	---	0B	0 B	0.033	0.038	0	0	0	0	0	---	---	8
9	---	0B	0 B	0.103	0.031	0	0	0	0	0	---	---	9
10	---	0B	0 B	0.112	0.033	0	0	0	0	0	---	---	10
11	---	0B	0.0018	0.115	0.022	0	0	0	0	0	---	---	11
12	---	0B	0.0018	0.082	0.021	0	0	0	0	0	---	---	12
13	---	0B	0.0058	0.039	0.200	0	0	0	0	0	---	---	13
14	---	0B	0.0108	0.036	0.294	0	0	0	0	0	---	---	14
15	---	0B	0.0108	0.031	0.338	0	0	0	0	0	---	---	15
16	---	0B	0.0758	0.010	0.134	0	0	0	0	0	---	---	16
17	---	0B	0.1478	0.005	0.111	0	0	0	0	0	---	---	17
18	---	0B	0.0308	0.005	0.088	0	0	0	0	0	---	---	18
19	---	0B	0.0268	0.004	0.039	0	0	0	0	0	---	---	19
20	---	0B	0.0198	0.003	0.027	0	0	0	0	0	---	---	20
21	---	0B	0.0088	0.000	0.021	0	0	0	0	0	---	---	21
22	---	0B	0.0038	0.018	0.021	0	0	0	0	0	---	---	22
23	---	0B	0.0018	0.025	0.018	0	0	0	0	0	---	---	23
24	---	0B	0.0018	0.028	0.014	0	0	0	0	0	---	---	24
25	---	0B	0.0018	0.038	0.018	0	0	0	0	0	---	---	25
26	---	0B	0.0018	0.132	0.021	0	0	0	0	0	---	---	26
27	---	0B	0.0018	0.207	0.020	0	0	0	0	0	---	---	27
28	---	0B	0.0018	0.184	0.017	0	0	0	0	0	---	---	28
29	---		0.0038	0.157	0.018	0	0	0	0	0	---	---	29
30	0B		0.008	0.157	0.024	0	0	0	0	0A	---	---	30
31	0B		0.020		0.017		0			0E		---	31
TOTAL	---	0	0.371	2.337	1.933	0.065	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.012	0.078	0.062	0.002	0	0	0	0	---	---	MEAN
MAX	---	0	0.147	0.291	0.294	0.016	0	0	0	0	---	---	MAX
MIN	---	0	0	0.003	0.014	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.017
MAXIMUM DAILY, 0.294 ON MAY 14
MINIMUM DAILY, 0 ON FEB 1
MAXIMUM INSTANTANEOUS,
0.705 AT 19:20 MST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 40 N
LONG 110 11 03 W
DRAINAGE AREA, 30.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	33.1	SEP	0
APR	202	OCT	0
MAY	168	NOV	---
JUN	5.82	DEC	---

TOTAL DISCHARGE, 405 dam³

MCGILLIVRAY CREEK NEAR COLEMAN - STATION NO. 05AA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.378	0.882	0.210	0.078	0.084	0.170	---	---	1
2	---	---	---	---	0.483	0.849	0.200	0.090	0.103	0.170	---	---	2
3	---	---	---	---	0.680	0.678	0.190	0.118	0.097	0.173	---	---	3
4	---	---	---	---	0.630	0.813	0.183	0.081	0.103	0.180	---	---	4
5	---	---	---	---	0.630	0.774	0.178	0.084	0.108	0.188	---	---	5
6	---	---	---	---	0.373	0.731	0.188	0.083	0.117	0.183	---	---	6
7	---	---	---	---	0.371	0.778	0.183	0.083	0.108	0.121	---	---	7
8	---	---	---	---	0.388	1.14	0.188	0.088	0.102	0.128	---	---	8
9	---	---	---	---	0.398	0.880	0.148	0.088	0.106	0.138	---	---	9
10	---	---	---	---	0.400	0.713	0.184	0.090	0.117	0.188	---	---	10
11	---	---	---	---	0.394	0.883	0.138	0.088	0.138	0.188	---	---	11
12	---	---	---	---	0.380	0.851	0.138	0.110	0.382	0.187	---	---	12
13	---	---	---	---	0.378	0.818	0.138	0.084	0.380	0.180	---	---	13
14	---	---	---	---	0.398	0.484	0.132	0.088	0.284	0.148	---	---	14
15	---	---	---	---	0.418	0.488	0.128	0.173	0.238	0.195	---	---	15
16	---	---	---	---	0.485	0.448	0.135	0.184	0.231	0.303	---	---	16
17	---	---	---	---	0.605	0.413	0.143	0.183	0.213	0.218	---	---	17
18	---	---	---	---	0.665	0.385	0.132	0.138	0.214	0.218	---	---	18
19	---	---	---	---	1.47	0.381	0.123	0.127	0.204	0.215	---	---	19
20	---	---	---	---	1.58	0.372	0.113	0.130	0.193	0.248	---	---	20
21	---	---	---	---	1.48	0.365	0.108	0.134	0.207	0.265	---	---	21
22	---	---	---	---	1.48	0.318	0.103	0.122	0.211	0.252	---	---	22
23	---	---	---	---	1.42	0.309	0.108	0.110	0.212	0.264	---	---	23
24	---	---	---	---	1.20	0.381	0.115	0.088	0.202	0.225	---	---	24
25	---	---	---	---	1.26	0.378	0.088	0.091	0.188	0.280	---	---	25
26	---	---	---	---	1.15	0.288	0.083	0.088	0.182	0.284	---	---	26
27	---	---	---	---	1.01	0.280	0.080	0.088	0.187	0.287	---	---	27
28	---	---	---	---	0.911	0.264	0.088	0.085	0.173	0.286	---	---	28
29	---		---	0.387A	0.914	0.332	0.083	0.084	0.171	0.283A	---	---	29
30	---		---	0.333	0.913	0.238	0.083	0.084	0.171	0.280E	---	---	30
31	---		---		0.903		0.078	0.088		0.245E		---	31
TOTAL	---	---	---	---	23.817	15.978	4.084	3.248	5.371	6.230	---	---	TOTAL
MEAN	---	---	---	---	0.768	0.533	0.132	0.105	0.178	0.201	---	---	MEAN
MAX	---	---	---	---	1.58	1.14	0.210	0.184	0.382	0.303	---	---	MAX
MIN	---	---	---	---	0.371	0.238	0.078	0.078	0.084	0.131	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.310
MAXIMUM DAILY, 1.58 ON MAY 20
MINIMUM DAILY, 0.078 ON [illegible] 1
MAXIMUM INSTANTANEOUS,
1.66 AT 19:30 MST ON MAY 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 06 N
LONG 114 31 12 W
DRAINAGE AREA, 33.6 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	253
FEB	---	AUG	260
MAR	---	SEP	494
APR	---	OCT	537
MAY	2 060	NOV	---
JUN	1 380	DEC	---

TOTAL DISCHARGE, 5 070 dam³

MCGREGOR LAKE INFLOW NEAR MILO - STATION NO. 05AC034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	10.4	33.3	31.3	21.5	27.8	33.3	0	---	1
2	---	---	---	0	14.1	33.1	30.7	19.7	28.2	33.3	0	---	2
3	---	---	---	0	16.7	32.9	31.2	19.0	28.7	33.2	0	---	3
4	---	---	---	0	21.6	32.7	31.7	19.8	27.8	33.6	0A	---	4
5	---	---	---	0	33.1	32.7	31.4	21.4	28.4	34.0	0E	---	5
6	---	---	---	0	33.1	32.1	31.3	20.4	28.0	34.1	0E	---	6
7	---	---	---	0	25.4	32.4	30.8	21.2	28.8	34.0	0E	---	7
8	---	---	---	0	26.8	33.6	30.5	22.2	31.3	33.3	0E	---	8
9	---	---	---	0	28.0	33.6	28.8	21.7	31.6	32.3	0E	---	9
10	---	---	---	0	30.1	33.6	28.2	21.8	31.9	30.2	0E	---	10
11	---	---	---	0	30.3	33.2	28.3	21.1	32.0	28.0	0E	---	11
12	---	---	---	0	30.3	32.8	28.6	23.0	33.1	22.0	0E	---	12
13	---	---	---	0	30.1	33.1	30.4	24.8	31.1	18.7	0E	---	13
14	---	---	---	0	31.6	34.8	30.6	26.4	23.9	18.6	0E	---	14
15	---	---	---	0	32.7	34.1	30.3	27.9	20.9	18.4	0E	---	15
16	---	---	---	0	32.6	33.6	29.9	21.1	32.8	11.0	0E	---	16
17	---	---	---	0	32.3	33.6	28.9	22.9	32.5	9.54	0E	---	17
18	---	---	---	0	32.3	33.4	30.1	26.8	32.8	3.73	0E	---	18
19	---	---	---	0	32.4	32.6	30.0	26.7	32.0	0.422	0E	---	19
20	---	---	---	0	33.5	32.2	29.9	27.8	32.6	0.200	0E	---	20
21	---	---	---	0	33.3	32.6	29.9	26.0	32.6	0.172	0E	---	21
22	---	---	---	0	31.3	33.2	29.6	25.5	33.2	0.089	0E	---	22
23	---	---	---	0	30.3	32.8	29.4	26.5	33.1	0.033	0E	---	23
24	---	---	---	0	30.5	33.7	29.8	29.6	33.4	0	0E	---	24
25	---	---	0A	0	30.6	32.9	29.5	28.9	33.3	0	0E	---	25
26	---	---	0	0	30.4	31.6	29.3	28.4	33.5	0	0E	---	26
27	---	---	0	0	28.1	31.7	29.2	28.3	32.9	0	0E	---	27
28	---	---	0	0	33.2	32.3	28.4	28.9	33.1	0	0E	---	28
29	---		0	0	35.1	31.9	28.1	28.7	33.4	0	0E	---	29
30	---		0	0	33.8	31.7	28.4	28.6	33.6	0	0E	---	30
31	---		0		33.3		25.2	27.5		0		---	31
TOTAL	---	---	---	0	868.3	988.6	930.1	775.4	931.2	682 848	0	---	TOTAL
MEAN	---	---	---	0	28.0	33.0	30.7	25.0	31.0	14.9	0	---	MEAN
MAX	---	---	---	0	35.1	34.8	31.7	28.9	33.8	34.1	0	---	MAX
MIN	---	---	---	0	10.4	31.6	25.2	19.0	21.1	0	0	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.3
MAXIMUM DAILY, 35.1 ON MAY 29
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 20 N
LONG 112 55 25 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1976

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	78 500
FEB	---	AUG	67 000
MAR	---	SEP	80 500
APR	0	OCT	40 000
MAY	78 500	NOV	0
JUN	85 400	DEC	---

TOTAL DISCHARGE, 430 000 dam³

MCGREGOR TRAVERS CANAL NEAR CHAMPION - STATION NO. 05AC035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	18.8	33.3	51.2	48.3	11.8	0	0	---	1
2	---	---	---	0	18.8	35.8	51.1	47.8	11.8	0	0	---	2
3	---	---	---	0	18.8	35.8	51.1	48.8	11.8	0	0	---	3
4	---	---	---	0	18.7	36.7	51.1	48.4	11.8	0	0A	---	4
5	---	---	---	0	18.8	35.8	51.0	48.3	8.83	0	---	---	5
6	---	---	---	0	18.8	38.6	51.3	46.8	3.23	0	---	---	6
7	---	---	---	0	18.8	43.5	51.4	43.3	0.038	0	---	---	7
8	---	---	---	0	19.0	44.7	51.3	40.7	0	0	---	---	8
9	---	---	---	0	19.0	47.2	51.5	36.8	0	0	---	---	9
10	---	---	---	0	18.9	50.1	51.5	32.5	0	0	---	---	10
11	---	---	---	0	19.0	50.8	51.4	30.3	0	0	---	---	11
12	---	---	---	0	19.0	51.0	51.3	30.4	0	0	---	---	12
13	---	---	---	0	19.0	51.0	51.2	30.2	0	0	---	---	13
14	---	---	---	0	19.0	50.8	51.1	28.6	0	0	---	---	14
15	---	---	---	0	23.8	51.1	51.2	24.5	0	2.82	---	---	15
16	---	---	---	0	26.6	51.2	51.1	21.6	0	17.7	---	---	16
17	---	---	---	0	26.6	51.1	51.1	20.3	0	20.4	---	---	17
18	---	---	---	0	26.6	51.0	51.0	20.3	0	20.2	---	---	18
19	---	---	---	0	26.6	51.0	50.8	18.3	0	20.1	---	---	19
20	---	---	---	0	26.6	51.0	50.6	17.1	0	20.0	---	---	20
21	---	---	---	0	31.1	51.2	50.7	17.1	0	11.9	---	---	21
22	---	---	---	5.10E	33.4	51.3	50.7	17.1	0	1.71	---	---	22
23	---	---	---	14.2 E	33.4	51.3	50.6	17.1	0	0.005	---	---	23
24	---	---	---	16.8 E	33.4	51.3	50.8	17.2	0	0	---	---	24
25	---	---	0A	18.9 E	33.4	51.4	50.4	17.3	0	0	---	---	25
26	---	---	0	18.9 A	33.5	51.5	50.4	15.6	0	0	---	---	26
27	---	---	0	18.9	33.5	51.4	50.3	15.0	0	0	---	---	27
28	---	---	0	18.9	30.6	51.3	50.3	15.0	0	0	---	---	28
29	---		0	18.9	28.7	51.3	50.1	15.1	0	0	---	---	29
30	---		0	18.8	33.3	51.3	49.8	15.0	0	0	---	---	30
31	---		0		28.5		49.0	13.0		0		---	31
TOTAL	---	---	---	191.80	780.8	1 433.1	1 578.4	867.7	69.388	116.835	---	---	TOTAL
MEAN	---	---	---	6.65	24.8	47.6	50.8	27.3	1.98	3.78	---	---	MEAN
MAX	---	---	---	18.9	33.5	51.5	51.5	48.3	11.8	20.4	---	---	MAX
MIN	---	---	---	0	18.7	33.3	49.0	13.0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.1
MAXIMUM DAILY, 51.5 ON JUN 26
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 15 N
LONG 112 49 00 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	136 000
FEB	---	AUG	73 200
MAR	---	SEP	5 130
APR	13 100	OCT	9 030
MAY	85 700	NOV	---
JUN	123 000	DEC	---

TOTAL DISCHARGE, 435 000 dam³

MCLEOD RIVER ABOVE SMARRAS RIVER - STATION NO. 07AF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.780	2.400	2.880	4.080	12.6	43.4	51.8	7.92	24.0	39.1	13.8 B	4.710	1
2	3.700	2.130	3.000	5.160	14.4	40.9	45.1	7.30	22.4	37.4	13.8 B	4.620	2
3	3.660	1.920	2.970	6.510	21.6	38.7	38.7	7.24	21.4	36.5	13.0 B	4.440	3
4	3.660	1.720	2.880	7.100	31.1	37.1	34.0	7.83	20.3	38.3	12.8 B	4.230	4
5	3.670	1.530	2.000	8.310	28.3	34.6	30.3	7.69	21.2	38.9	14.6 B	3.960	5
6	3.660	1.440	2.880	8.940	24.4	33.6	27.3	7.42	25.4	25.3	12.8 B	3.880	6
7	3.700	1.440	2.800	7.530	21.7	31.6	24.4	7.26	30.8	33.9	12.8 B	3.960	7
8	3.660	1.380	2.730	7.080	19.6	31.6	22.2	10.4	27.0	32.0	14.2 B	4.230	8
9	3.840	1.480	2.670	8.850	18.2	34.3	20.1	22.4	25.1	30.2	13.2 B	4.320	9
10	3.970	1.600	3.670	11.2 B	16.7	30.2	18.4	26.2	28.5	31.4	12.0 B	4.370	10
11	4.060	1.570	3.700	17.6 B	17.6	27.0	17.0	24.6	30.8	31.3	13.0 B	4.240	11
12	4.230	1.850	2.770	20.4 B	16.7	24.6	16.6	26.7	37.0	31.7	13.2 B	4.130	12
13	4.150	1.530	2.850	17.4 B	15.0	24.2	16.6	40.0	31.6	30.8	12.2 B	4.220	13
14	4.000	1.380	3.000	13.4 B	14.4	24.1	15.9	42.7	117	19.9	12.0 B	4.380	14
15	3.990	1.330	3.200	12.6 B	14.2	22.6	14.3	49.6	83.6	21.3	17.6 B	4.810	15
16	3.900	1.380	3.500	10.8 B	13.0	22.0	13.6	104	77.1	22.0	15.6 B	5.260	16
17	3.670	1.390	4.000	9.300	14.3	20.2	13.3	87.0	88.8	23.4	14.6 B	5.810	17
18	3.850	1.440	4.200	10.8	16.0	18.6	14.3	71.6	81.9	23.0	13.2 B	6.010	18
19	3.840	1.470	4.600	11.0	18.4	17.8	14.0	59.9	84.6	22.0	12.6 B	6.300	19
20	3.780	1.500	4.150	12.0	22.2	16.7	13.6	52.6	84.7	21.2	9.870	6.010	20
21	3.660	1.760	4.000	11.6	23.3	19.0	12.6	73.0	67.0	20.9	9.090	6.120	21
22	3.980	1.840	3.800	9.87	22.0	17.9	11.2	84.6	45.0	20.4	8.940	6.160	22
23	3.930	1.980	3.700	9.70	22.2	16.5	11.0	84.6	46.7	19.7	7.830	6.000	23
24	3.930	2.320	3.590	12.0	22.6	25.4	13.3	66.7	42.3	18.3	8.610	5.820	24
25	3.970	2.240	3.630	13.3	25.1	76.7	14.0	63.4	38.0	17.3	8.910	6.000	25
26	3.860	2.380	3.340	12.9	37.0	81.2	12.0	60.4	37.0	15.08	8.110	6.030	26
27	3.810	2.660	3.320	13.6	41.0	71.1	10.7	38.4	36.3	14.18	8.360	6.460	27
28	3.460	2.630	3.020	13.1	37.6	68.2	10.1	31.7	35.9	14.88	8.470	6.760	28
29	3.170		2.760	12.1	41.1	65.3	9.27	28.6	35.1	15.88	8.480	6.880	29
30	2.970		2.630	11.4	50.3	58.7	8.97	26.3	32.0	15.38	8.640	6.670	30
31	2.720		2.900		47.2		8.49	25.5		14.68		6.960	31
TOTAL	116.80	49.39	100.38	328.92	745.5	1 078.4	881.62	1 142.07	1 316.5	853.9	343.38	157.02	TOTAL
MEAN	3.76	1.76	3.23	11.0	24.0	36.0	18.6	36.8	44.0	21.1	11.4	5.07	MEAN
MAX	4.23	2.83	4.60	20.4	50.3	81.2	51.8	104	117	39.1	18.0	8.89	MAX
MIN	2.72	1.33	2.67	4.05	12.0	17.8	8.49	7.24	20.3	14.1	8.34	3.87	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.1
MAXIMUM DAILY, 117 ON SEP 14
MINIMUM DAILY, 1.330 ON FEB 15
MAXIMUM INSTANTANEOUS,
139 AT 02:15 MST ON SEP 14

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 26 12 N
LONG 116 37 45 W
DRAINAGE AREA, 2 500 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 100	JUL	80 300
FEB	4 270	AUG	98 700
MAR	8 880	SEP	114 000
APR	28 400	OCT	88 500
MAY	64 400	NOV	29 700
JUN	93 200	DEC	13 600

TOTAL DISCHARGE, 572 000 dam³

MCLEOD RIVER NEAR CADOMIN - STATION NO. 07AF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.02 B	0.8008	1.31	10.3	12.8	2.82	5.15	5.84	---	---	1
2	---	---	1.10 B	1.26 B	3.05	10.6	10.6	2.67	4.85	5.83	---	---	2
3	---	---	1.13 B	1.30 B	5.83	10.1	9.81	2.85	4.86	5.46	---	---	3
4	---	---	1.15 B	1.46 B	6.86	10.1	9.00	2.83	4.88	5.13	---	---	4
5	---	---	1.05 B	1.83 B	3.10	9.83	8.24	2.80	5.78	4.88	---	---	5
6	---	---	0.9808	1.75 B	2.73	8.38	7.20	2.48	8.00	4.78	---	---	6
7	---	---	0.9508	1.80 B	2.84	7.71	8.48	2.75	5.48	4.47	---	---	7
8	---	---	1.12 B	1.43 B	2.84	7.84	8.13	8.88	5.30	4.08	---	---	8
9	---	---	1.12 B	1.86 B	2.88	8.73	8.88	8.29	5.84	4.17	---	---	9
10	---	---	1.12 B	1.82 B	2.78	8.14	8.84	8.31	8.78	4.17	---	---	10
11	---	---	1.40 B	2.44 B	2.81	8.78	8.31	8.31	8.17	4.18	---	---	11
12	---	---	2.30 B	4.13 B	2.11	8.03	8.11	10.8	14.0	3.86	---	---	12
13	---	---	2.84 B	3.84 B	2.08	8.47	4.87	8.80	28.8	3.85	---	---	13
14	---	---	3.10 B	3.85 B	2.44	8.31	4.38	8.88	30.5	3.70	---	---	14
15	---	---	2.88 B	3.82	2.80	8.83	4.04	20.2	17.1	3.80	---	---	15
16	---	---	2.97 B	2.40	3.27	8.03	3.72	18.8	14.8	3.83	---	---	16
17	---	---	2.77 B	2.26	8.29	8.81	3.88	16.1	13.2	3.88	---	---	17
18	---	---	2.81 B	1.88	3.09	8.40	3.43	14.4	11.8	3.35	---	---	18
19	---	---	4.88 B	1.81	10.8	7.89	3.28	11.4	10.0	3.28	---	---	19
20	---	---	3.88 B	1.32	10.8	7.41	3.33	12.8	8.14	3.39	---	---	20
21	---	---	1.18 B	1.37	8.38	8.72	3.11	11.2	8.81	3.30	---	---	21
22	---	---	1.04 B	1.43	8.88	8.80	3.20	10.2	7.80	3.11	---	---	22
23	---	---	1.03 B	1.84	10.3	8.83	3.31	10.4	7.04	3.09	---	---	23
24	---	---	1.05 B	0.8848	8.78	8.83A	3.41	8.48	8.83	3.81	---	---	24
25	---	---	0.8218	0.831	10.1	10.4	3.18	8.88	8.72	3.87	---	---	25
26	---	---	0.4838	0.848	10.1	13.4	3.03	7.88	8.91	3.748	---	---	26
27	---	0.8288	0.4588	0.784	8.81	17.8	3.87	8.84	8.44	3.838	---	---	27
28	---	1.34 B	0.4308	0.723	10.8	18.8	2.84	8.37	8.83	3.838	---	---	28
29	---		0.4188	0.883	14.8	19.3	3.78	8.81	8.88	3.338	---	---	29
30	---		0.4788	0.888	13.4	18.8	3.84	8.88	8.81	3.838	---	---	30
31	---		0.4888		11.8		3.87	8.37		3.188		---	31
TOTAL	---	---	48.784	48.847	200.42	274.01	188.83	280.78	287.81	114.83	---	---	TOTAL
MEAN	---	---	1.81	1.88	8.47	9.13	8.82	8.88	8.83	3.71	---	---	MEAN
MAX	---	---	4.88	4.13	14.8	19.3	13.8	20.2	38.8	5.84	---	---	MAX
MIN	---	---	0.818	0.883	1.31	8.78	3.87	3.48	4.88	3.18	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.85
MAXIMUM DAILY, 38.8 ON SEP 13
MINIMUM DAILY, 0.4188 ON MAR 28
MAXIMUM INSTANTANEOUS,
38.7 AT 03:58 MST ON SEP 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 04 04 N
LONG 117 11 50 W
DRAINAGE AREA, 3.31 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	13 490
FEB	---	AUG	21 700
MAR	4 040	SEP	23 100
APR	4 330	OCT	9 830
MAY	17 300	NOV	---
JUN	23 700	DEC	---

TOTAL DISCHARGE, 117 000 dam³

MCLEOD RIVER NEAR ROSEVEAR - STATION NO. 07AG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.880	7.050	7.150	7.850	49.3	73.9	93.0	18.7	45.5	57.2	34.78	12.98	1
2	7.420	6.750	7.170	15.6 B	49.5	67.0	84.9	19.5	44.0	55.2	34.88	12.98	2
3	7.060	6.370	7.230	20.0 B	54.8	61.3	70.9	14.5	41.3	53.3	31.98	11.28	3
4	6.780	6.130	7.010	22.0 B	57.1	58.9	59.6	13.6	39.1	51.7	31.88	11.88	4
5	7.030	6.060	7.060	25.4 B	73.2	52.9	52.0	13.5	38.9	49.4	19.08	11.58	5
6	7.270	5.720	7.010	26.9 B	84.8	51.0	45.8	13.4	39.6	47.5	19.28	11.48	6
7	7.430	5.640	6.920	28.7 B	86.1	49.9	40.7	13.8	80.4	47.0	18.88	11.38	7
8	7.700	5.520	6.750	28.6 B	81.2	47.6	38.4	16.7	84.5	46.5	18.08	11.58	8
9	7.630	5.770	6.440	31.5 B	68.2	48.7	33.0	22.5	81.0	44.4	17.58	11.48	9
10	7.800	6.100	6.390	37.0 B	45.9	49.9	30.3	64.8	80.5	43.2	16.88	11.88	10
11	7.880	6.100	6.110	48.0 B	43.2	44.7	27.7	48.3	82.4	43.8	17.48	11.88	11
12	7.820	6.110	6.040	65.0 B	40.7	41.2	28.4	49.7	88.0	44.1	19.08	11.48	12
13	7.650	6.030	6.820	80.0 B	38.3	39.6	25.3	52.6	115	44.4	20.38	11.88	13
14	7.580	5.900	5.930	94.0 B	35.1	39.1	25.6	78.5	262	43.5	23.08	12.08	14
15	7.970	6.050	5.800	97.0 B	33.3	36.0	25.6	74.1	237	46.6	23.08	12.98	15
16	8.310	6.170	5.720	85.4 B	32.3	36.4	23.5	135	186	53.3	25.08	12.98	16
17	8.700	6.010	5.700	85.5 B	31.1	35.2	23.3	163	154	80.9	21.88	13.58	17
18	8.400	5.850	7.350	74.5 B	30.1	32.5	25.3	126	133	80.6	16.08	13.88	18
19	8.060	6.010	9.530	65.8	30.9	29.7	28.4	102	120	57.5	13.78	14.48	19
20	8.050	6.120	8.140	59.6	33.7	28.4	28.6	85.8	106	54.6	12.58	15.38	20
21	8.750	6.230	7.500	54.3	35.1	28.9	29.5	101	96.3	52.1	11.38	15.78	21
22	8.540	6.330	7.710	48.0	35.0	29.7	27.7	127	89.8	50.3	10.58	15.88	22
23	8.300	6.250	7.500	44.4	33.2	30.8	24.7	100	85.1	48.3	11.08	15.78	23
24	8.090	6.670	7.450	47.0	33.0	42.0	24.2	84.3	80.1	46.38	11.38	15.78	24
25	8.010	6.980	7.430	50.2	35.3	114	28.6	72.5	76.4	42.48	11.78	15.98	25
26	7.810	7.060	7.240	55.5	42.4	210	31.7	63.8	74.0	38.28	12.08	15.08	26
27	7.640	7.130	7.160	56.1	85.8	170	27.1	56.9	69.5	36.98	12.58	14.88	27
28	7.590	7.150	6.800	54.5	85.1	138	23.2	53.0	66.4	38.88	13.28	13.58	28
29	7.400		6.130	53.4	82.5	119	21.3	47.6	63.7	36.78	13.48	12.38	29
30	7.290		5.820	51.5	76.7	104	19.3	45.2	60.0	36.88	12.98	11.28	30
31	7.180		5.660		61.6		18.1	44.9		37.98		10.38	31
TOTAL	243.43	178.32	211.69	1 525.36	1 474.5	1 918.7	1 083.6	1 900.5	2 662.0	1 488.7	553.8	407.7	TOTAL
MEAN	7.85	6.26	6.84	50.8	47.6	64.0	35.0	61.3	88.7	47.4	18.5	13.2	MEAN
MAX	8.86	7.15	9.53	97.0	61.6	210	93.0	163	262	80.9	34.8	19.7	MAX
MIN	6.78	5.52	5.72	7.85	30.1	28.4	18.1	13.4	36.8	36.7	10.5	10.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.3
MAXIMUM DAILY, 262 ON SEP 14
MINIMUM DAILY, 5.520 ON FEB 5
MAXIMUM INSTANTANEOUS,
395 AT 11:45 MST ON SEP 14

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 41 49 N
LONG 116 09 42 W
DRAINAGE AREA, 7 150 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 000	JUL	93 500
FEB	15 100	AUG	164 000
MAR	18 300	SEP	230 000
APR	132 000	OCT	127 000
MAY	127 000	NOV	47 800
JUN	166 000	DEC	35 200

TOTAL DISCHARGE, 1 180 000 dam³

MCLEOD RIVER NEAR WHITECOURT - STATION NO. 07AG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	8.480	13.68	51.8	93.0	135	19.2	46.5	58.1	33.88	---	1
2	---	---	8.800	19.08	58.8	83.7	119	17.6	47.0	56.9	29.78	---	2
3	---	---	8.500	37.48	61.3	76.6	107	16.7	44.3	53.1	31.28	---	3
4	---	---	8.500	36.78	70.3	68.6	91.4	15.6	41.1	50.9	28.08	---	4
5	---	---	8.900	36.48	85.8	63.6	78.1	14.3	41.7	58.7	23.78	---	5
6	---	---	8.880	38.08	85.1	59.7	67.2	11.9	41.7	53.3	---	---	6
7	---	---	8.020	38.78	74.8	57.8	58.6	13.6	43.4	51.6	---	---	7
8	---	---	8.680	39.88	65.4	55.8	53.7	16.1	54.6	51.3	---	---	8
9	---	---	8.720	44.28	60.0	53.8	48.8	16.0	80.3	50.8	---	---	9
10	---	---	8.810	46.48	55.9	55.8	39.1	24.1	87.3	48.0	---	---	10
11	---	---	8.480	47.18	53.1	54.6	35.1	48.3	56.8	47.6	---	---	11
12	---	---	8.470	52.18	49.0	49.3	34.8	48.8	82.0	48.1	---	---	12
13	---	---	8.410	58.98	46.7	47.8	31.7	48.7	113	48.8	---	---	13
14	---	---	8.310	55.48	47.3	47.3	29.8	53.4	291	49.3	---	---	14
15	---	---	8.580	131	39.9	46.2	29.4	85.8	316	48.8	---	---	15
16	---	---	9.180	118	37.7	43.8	28.2	88.9	242	53.1	---	---	16
17	---	---	9.860	112	36.3	41.3	29.0	178	193	66.0	---	---	17
18	---	---	11.0 B	98.0	34.0	39.8	28.8	184	182	72.0	---	---	18
19	---	---	12.2 B	88.6	32.3	38.4	32.2	138	144	70.4	---	---	19
20	---	---	13.1 B	78.4	32.9	33.3	32.4	106	132	68.2	---	---	20
21	---	---	14.1 B	72.7	35.9	31.1	32.7	92.9	130	61.7	---	---	21
22	---	---	13.6 B	63.1	37.4	33.4	32.9	128	110	58.7	---	---	22
23	---	---	13.5 B	58.0	35.7	37.4	30.7	134	106	58.4	---	---	23
24	---	---	14.1 B	56.7	33.4	87.0	28.1	102	98.8	54.2	---	---	24
25	---	---	13.9 B	50.9	35.1	106	26.7	89.5	93.4	50.08	---	---	25
26	---	---	14.2 B	55.5	36.1	328	31.1	76.5	89.8	43.18	---	---	26
27	---	---	14.3 B	72.0	50.5	230	34.0	85.4	85.5	33.88	---	---	27
28	---	---	14.5 B	70.3	77.4	178	28.4	90.0	81.5	33.48	---	---	28
29	---		14.6 B	67.3	75.7	154	26.0	92.5	80.0	38.88	---	---	29
30	---		13.3 B	55.1	76.4	137	23.6	69.3	73.8	31.88	---	---	30
31	---		13.0 B		85.2		20.9	48.3		34.38		---	31
TOTAL	---	---	336.62	1 662.3	1 676.4	2 330.1	1 409.9	2 005.0	3 139.8	1 635.4	---	---	TOTAL
MEAN	---	---	10.9	83.1	54.1	77.7	45.5	64.7	104	52.8	---	---	MEAN
MAX	---	---	14.6	131	85.2	230	126	178	316	72.0	---	---	MAX
MIN	---	---	8.31	13.6	32.3	31.1	20.9	11.9	41.1	31.8	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.7
MAXIMUM DAILY, 316 ON SEP 15
MINIMUM DAILY, 8.310 ON MAR 14
MAXIMUM INSTANTANEOUS,
370 AT 16:46 MST ON SEP 14

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 48 N
LONG 115 50 15 W
DRAINAGE AREA, 9 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	132 000
FEB	---	AUG	173 000
MAR	29 100	SEP	270 000
APR	161 000	OCT	141 000
MAY	148 000	NOV	---
JUN	201 000	DEC	---

TOTAL DISCHARGE, 1 300 000 dam³

MEADOW CREEK NEAR THE MOUTH - STATION NO. 05AB039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0	0.007	0	0	0	0	0	0A	---	1
2	---	---	0 B	0.018	0.004	0	0	0	0	0	---	---	2
3	---	---	0 B	0.083	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.026	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.010	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.003	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.004	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.003	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.051	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.056	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.060	0	0	0	0	0.007	0.006	---	---	12
13	---	---	0 B	0.047	0	0	0	0	0.012	0.026	---	---	13
14	---	---	0 B	0.033	0	0	0	0	0.018	0.009	---	---	14
15	---	---	0 B	0.023	0	0	0	0	0	0.002	---	---	15
16	---	---	0 B	0.034	0	0	0	0	0	0.002	---	---	16
17	---	---	0.1208	0.018	0	0	0	0	0	0.002	---	---	17
18	---	---	0.1088	0.030	0	0	0	0	0	0.004	---	---	18
19	---	---	0.0768	0.030	0	0	0	0	0	0.003	---	---	19
20	---	---	0.0508	0.029E	0	0	0	0	0	0	---	---	20
21	---	---	0.0278	0.028E	0	0	0	0	0	0.001	---	---	21
22	---	---	0.0038	0.027E	0	0	0	0	0	0.003	---	---	22
23	---	---	0	0.026E	0	0	0	0	0	0.002	---	---	23
24	---	---	0	0.033E	0	0	0	0	0	0	---	---	24
25	---	0B	0	0.021E	0	0	0	0	0	0	---	---	25
26	---	0B	0	0.018E	0	0	0	0	0	0	---	---	26
27	---	0B	0	0.016	0	0	0	0	0	0	---	---	27
28	---	0B	0	0.005	0	0	0	0	0	0.001	---	---	28
29	---		0	0.009	0	0	0	0	0	0.001	---	---	29
30	---		0	0.011	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0.384	0.701	0.011	0	0	0	0.037	0.064	---	---	TOTAL
MEAN	---	---	0.012	0.023	0	0	0	0	0.001	0.002	---	---	MEAN
MAX	---	---	0.120	0.058	0.007	0	0	0	0.018	0.026	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.1208 ON MAR 17
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 15 N
LONG 113 39 43 W
DRAINAGE AREA, 130 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	33.2	SEP	3.20
APR	60.6	OCT	5.53
MAY	0.95	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 103 dam³

MEANDER RIVER AT OUTLET OF HUTCH LAKE - STATION NO. 07OB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0038	0 B	3.188	1.78	0.076	0.146	0.724	0.813	---	---	1
2	---	---	0.0038	0 B	6.108	1.76	0.085	0.120	0.757	0.814	---	---	2
3	---	---	0.0038	0 B	6.78	1.64	0.087	0.088	0.737	0.802	---	---	3
4	---	---	0.0038	0.0018	7.48	1.63	0.088	0.081	0.743	0.814	---	---	4
5	---	---	0.0018	0.0038	8.41	1.44	0.089	0.083	0.884	0.771	---	---	5
6	---	---	0 B	0.0038	8.41	1.35	0.088	0.088	0.845	0.808	---	---	6
7	---	---	0 B	0.0038	8.10	1.24	0.084	0.088	0.826	0.863	---	---	7
8	---	---	0 B	0.0038	7.75	1.11	0.085	0.077	0.885	0.886	---	---	8
9	---	---	0.0018	0.0048	7.87	1.01	0.084	0.053	0.835	0.871	---	---	9
10	---	---	0.0018	0.0068	7.74	0.933	0.050	0.048	0.488	0.848	---	---	10
11	---	---	0.0038	0.0188	7.18	0.871	0.043	0.032	0.452	0.887	---	---	11
12	---	---	0.0028	0.0178	6.88	0.788	0.048	0.026	0.389	0.829	---	---	12
13	---	---	0.0028	0.0308	6.17	0.717	0.030	0.027	0.307	0.820	---	---	13
14	---	---	0.0038	0.0238	5.87	0.653	0.032	0.051	0.284	0.810	---	---	14
15	---	---	0.0028	0.0248	5.34	0.578	0.027	0.244	0.307	0.831	---	---	15
16	---	---	0.0038	0.0268	4.87	0.521	0.027	0.384	0.493	0.785	---	---	16
17	---	---	0.0038	0.0418	4.33	0.481	0.024	0.453	0.755	0.805	---	---	17
18	---	---	0.0038	0.0878	4.01	0.354	0.024	0.482	0.693	0.803	---	---	18
19	---	---	0.0038	0.0708	3.69	0.128	0.024	0.539	0.818	0.769	---	---	19
20	---	---	0.0038	0.0548	3.34	0.027	0.024	0.508	0.398	0.788	---	---	20
21	---	---	0.0028	0.0828	3.02	0.038	0.024	0.527	0.807	0.834	---	---	21
22	---	---	0.0028	0.0578	2.72	0.041	0.040	0.585	0.885	0.800	---	---	22
23	---	---	0.0018	0.0528	2.63	0.055	0.056	0.536	0.953	0.811	---	---	23
24	---	---	0.0018	0.0508	2.37	0.060	0.053	0.518	0.926	0.785	---	---	24
25	---	---	0 B	0.0648	2.12	0.060	0.083	0.580	1.02	0.729	---	---	25
26	---	---	0 B	0.0858	1.94	0.041	0.214	0.628	0.958	0.671	---	---	26
27	---	0.0038	0 B	0.1588	1.78	0.024	0.288	0.531	0.880	0.843	---	---	27
28	---	0.0038	0 B	0.4828	1.70A	0.029	0.285	0.908	0.988	0.847	---	---	28
29	---		0 B	1.06 B	1.74E	0.048	0.248	0.638	0.884	0.598A	---	---	29
30	---		0 B	1.74 B	1.78E	0.073	0.210	0.788	0.889	0.590A	---	---	30
31	---		0 B		1.82A		0.201	0.743		0.585E		---	31
TOTAL	---	---	0.044	4.145	145.01	19.348	2.859	11.971	21.408	24.093	---	---	TOTAL
MEAN	---	---	0.001	0.138	4.68	0.645	0.088	0.373	0.714	0.777	---	---	MEAN
MAX	---	---	0.003	1.74	8.41	1.78	0.288	0.831	1.02	0.888	---	---	MAX
MIN	---	---	0	0	1.78	0.024	0.024	0.027	0.284	0.585	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.933
MAXIMUM DAILY, 8.41 ON MAY 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.57 AT 23:00 MST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 46 15 N
LONG 117 23 05 W
DRAINAGE AREA, 887 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	230
FEB	---	AUG	1 000
MAR	3.80	SEP	1 850
APR	388	OCT	2 080
MAY	12 500	NOV	---
JUN	1 870	DEC	---

TOTAL DISCHARGE, 19 700 dam³

MEDICINE RIVER NEAR ECKVILLE - STATION NO. 05CC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2008	0.1508	0.2608	4.608	10.4	1.77	0.529	0.248	0.244	3.15	1.80 B	0.3508	1
2	0.2308	0.1308	0.2308	27.4 B	5.07	1.85	0.426	0.224	0.195	2.91	1.75 B	0.3408	2
3	0.2528	0.1208	0.2008	51.5 B	7.97	1.73	0.381	0.161	0.107	2.75	1.66 B	0.3308	3
4	0.2678	0.1108	0.2008	86.3 B	7.23	1.50	0.361	0.154	0.106	2.53	1.62 B	0.3208	4
5	0.2948	0.1108	0.2008	89.9 B	5.55	1.29	0.316	0.174	0.057	2.46	1.53 B	0.3108	5
6	0.2958	0.1108	0.2008	51.7 B	5.93	1.11	0.311	0.235	0.058	2.26	1.45 B	0.3008	6
7	0.2838	0.1108	0.2008	32.0 B	5.34	1.02	0.272	0.356	0.060	2.27	1.36 B	0.2968	7
8	0.2828	0.1108	0.2008	28.5	4.49	0.915	0.253	0.516	0.204	2.24	1.28 B	0.2928	8
9	0.2808	0.1108	0.2058	36.7	3.80	0.811	0.279	0.478	0.258	2.10	1.20 B	0.2888	9
10	0.2788	0.1108	0.2108	33.2	3.41	0.786	0.266	0.413	0.334	1.96	1.12 B	0.2848	10
11	0.2768	0.1108	0.2158	21.7	3.21	0.756	0.250	0.317	0.356	1.96	1.04 B	0.2848	11
12	0.2808	0.1108	0.2208	18.8	2.85	0.695	0.211	0.255	0.687	2.02	0.9508	0.2848	12
13	0.2828	0.1208	0.2308	17.3	2.58	0.640	0.207	0.231	5.74	2.04	0.8608	0.2848	13
14	0.2848	0.1408	0.2408	16.0	2.32	0.798	0.183	0.244	14.5	1.98	0.8008	0.2848	14
15	0.2848	0.1608	0.2508	15.6	2.08	0.681	0.083	0.349	23.5	1.97	0.7208	0.2848	15
16	0.2888	0.1818	0.2608	15.2	1.81	0.696	0.082	0.349	26.9	1.89	0.6608	0.2858	16
17	0.2908	0.2008	0.2708	13.3	1.58	0.974	0.095	0.272	17.5	2.01	0.6008	0.2858	17
18	0.2908	0.1978	0.2808	11.1	1.67	0.707	0.135	0.192	11.3	2.40	0.5728	0.2858	18
19	0.2908	0.2228	0.2908	9.88	2.15	0.695	0.196	0.073	8.26	2.52	0.5408	0.2858	19
20	0.2908	0.2648	0.2908	8.52	1.65	0.590	0.223	0.063	6.61	2.72	0.5108	0.2858	20
21	0.2908	0.2828	0.4008	8.01	1.28	0.487	0.252	0.270	5.46	2.48	0.4908	0.2868	21
22	0.2908	0.2898	0.5508	6.63	1.18	0.452	0.256	0.384	4.89	2.06	0.4708	0.2868	22
23	0.2908	0.2838	0.6628	5.54	1.05	0.417	0.256	0.388	4.29	1.87	0.4508	0.2868	23
24	0.2908	0.2808	1.80 B	7.08	0.957	0.384	0.310	0.319	4.03	1.88	0.4308	0.2868	24
25	0.2908	0.2808	2.36 B	8.58	1.01	0.389	0.315	0.289	3.89	1.63	0.4108	0.2868	25
26	0.2808	0.2828	4.23 B	10.7	1.10	0.681	0.269	0.341	4.13	1.48	0.4008	0.2878	26
27	0.2708	0.2858	4.63 B	13.4	1.20	0.844	0.313	0.399	4.12	1.508	0.3908	0.2878	27
28	0.2508	0.2808	4.55 B	12.7	1.63	0.821	0.186	0.483	4.04	1.608	0.3808	0.2878	28
29	0.2308		4.45 B	12.6	2.01	0.682	0.249	0.401	3.99	1.708	0.3708	0.2878	29
30	0.2108		4.40 B	11.6	1.63	0.597	0.270	0.358	3.85	1.808	0.3608	0.2878	30
31	0.1808		4.40 B		1.73		0.251	0.331		1.858		0.2878	31
TOTAL	8.389	5.135	37.283	526.00	101.177	25.930	7.620	8.275	159.198	65.98	26.222	9.107	TOTAL
MEAN	0.271	0.183	1.20	20.9	3.26	0.864	0.246	0.269	5.31	2.13	0.874	0.294	MEAN
MAX	0.295	0.289	4.63	89.9	10.4	1.85	0.529	0.519	26.9	3.15	1.80	0.350	MAX
MIN	0.180	0.110	0.200	4.60	0.957	0.384	0.083	0.063	0.057	1.40	0.350	0.284	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.87
MAXIMUM DAILY, 89.98 ON APR 5
MINIMUM DAILY, 0.057 ON SEP 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 19 04 N
LONG 114 20 33 W
DRAINAGE AREA, 1 910 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	725	JUL	658
FEB	444	AUG	801
MAR	3 220	SEP	13 800
APR	54 300	OCT	5 700
MAY	8 740	NOV	2 270
JUN	2 240	DEC	787

TOTAL DISCHARGE, 93 700 dam³

MEETING CREEK NEAR DONALDA - STATION NO. 05FC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	0	0.003	---	1
2	---	---	---	---	---	---	---	---	---	0	0.003	---	2
3	---	---	---	---	---	---	---	---	---	0	0.003	---	3
4	---	---	---	---	---	---	---	---	---	0	0.003	---	4
5	---	---	---	---	---	---	---	---	---	0	0.003	---	5
6	---	---	---	---	---	---	---	---	---	0	---	---	6
7	---	---	---	---	---	---	---	---	---	0	---	---	7
8	---	---	---	---	---	---	---	---	---	0	---	---	8
9	---	---	---	---	---	---	---	---	---	0	---	---	9
10	---	---	---	---	---	---	---	---	---	0	---	---	10
11	---	---	---	---	---	---	---	---	---	0	---	---	11
12	---	---	---	---	---	---	---	---	---	0	---	---	12
13	---	---	---	---	---	---	---	---	---	0.001	---	---	13
14	---	---	---	---	---	---	---	---	---	0.001	---	---	14
15	---	---	---	---	---	---	---	---	---	0.001	---	---	15
16	---	---	---	---	---	---	---	---	---	0.001	---	---	16
17	---	---	---	---	---	---	---	---	---	0.001	---	---	17
18	---	---	---	---	---	---	---	---	---	0.001	---	---	18
19	---	---	---	---	---	---	---	---	---	0.001	---	---	19
20	---	---	---	---	---	---	---	---	---	0.001	---	---	20
21	---	---	---	---	---	---	---	---	---	0.001	---	---	21
22	---	---	---	---	---	---	---	---	---	0.001	---	---	22
23	---	---	---	---	---	---	---	---	---	0.002	---	---	23
24	---	---	---	---	---	---	---	---	---	0.002	---	---	24
25	---	---	---	---	---	---	---	---	---	0.002	---	---	25
26	---	---	---	---	---	---	---	---	---	0.002	---	---	26
27	---	---	---	---	---	---	---	---	0	0.002	---	---	27
28	---	---	---	---	---	---	---	---	0	0.002	---	---	28
29	---		---	---	---	---	---	---	0	0.002	---	---	29
30	---		---	---	---	---	---	---	0	0.002	---	---	30
31	---		---		---		---	---		0.002		---	31
TOTAL	---	---	---	---	---	---	---	---	---	0.028	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	0.001	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	0.002	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON SEP 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 48 N
LONG 113 31 57 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	2.43
MAY	---	NOV	---
JUN	---	DEC	---

MEETING CREEK NEAR THE MOUTH - STATION NO 05FC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	***	***	0.0150	4.41 B	1.01	0.080	0.023	0.007	0.010	0.0058	***	***	1
2	***	***	0.0150	6.02 B	0.839	0.062	0.021	0.009	0.010	0.0058	***	***	2
3	***	***	0.0150	7.34 B	0.615	0.060	0.019	0.009	0.009	0.0058	***	***	3
4	***	***	0.0150	8.37 B	0.507	0.053	0.018	0.008	0.008	0.0058	***	***	4
5	***	***	0.0150	7.19 B	0.490	0.051	0.015	0.005	0.008	0.0058	***	***	5
6	***	***	0.0150	4.98	0.371	0.070	0.011	0.003	0.006	0.0058	***	***	6
7	***	***	0.0150	4.38	0.322	0.057	0.008	0.010	0.006	0.0048	***	***	7
8	***	***	0.0150	3.18	0.233	0.051	0.006	0.030	0.006	0.0038	***	***	8
9	***	***	0.0150	2.89	0.181	0.042	0.005	0.051	0.007	0.3908	***	***	9
10	***	***	0.0150	2.31	0.174	0.039	0.005	0.023	0.007	0.3408	***	***	10
11	***	***	0.0150	1.86	0.138	0.052	0.003	0.011	0.007	0.3408	***	***	11
12	***	***	0.0150	1.55	0.103	0.045	0.005	0.003	0.006	0.3308	***	***	12
13	***	***	0.0150	1.37	0.121	0.038	0.005	0.001	0.007	0.3058	***	***	13
14	***	***	0.0080	1.07	0.115	0.035	0.004	0.002	0.007	0.3308	***	***	14
15	***	***	0.0020	0.787	0.095	0.033	0.004	0.018	0.006	0.3108	***	***	15
16	***	***	0.0020	0.573	0.313	0.017	0.005	0.048	0.006	0.3508	***	***	16
17	***	***	0.1360	0.482	0.200	0.024	0.007	0.030	0.010	0.2358	***	***	17
18	***	***	1.00 B	0.341	0.161	0.024	0.008	0.016	0.010	0.2158	***	***	18
19	***	***	4.00 B	0.348	0.128	0.022	0.014	0.019	0.011	0.1858	***	***	19
20	***	***	10.0 B	0.615	0.084	0.020	0.009	0.017	0.014	0.1908	***	***	20
21	***	***	18.0 B	0.483	0.075	0.028	0.005	0.065	0.016	0.1608	***	***	21
22	***	***	25.0 B	0.531	0.067	0.027	0.005	3.02	0.016	0.1608	***	***	22
23	***	***	13.0 B	0.877	0.078	0.024	0.005	1.02	0.016	0.1558	***	***	23
24	***	***	11.0 B	1.80	0.071	0.030	0.005	0.081	0.016	0.1958	***	***	24
25	***	***	8.00 B	1.83	0.077	0.039	0.005	0.031	0.015	0.1458	***	***	25
26	***	***	6.00 B	2.48	0.087	0.029	0.005	0.009	0.015A	0.0858	***	***	26
27	***	***	6.00 B	2.22	0.062	0.031	0.005	0.010	0.012E	0.0808	***	***	27
28	***	***	4.15 B	1.76	0.078	0.028	0.005	0.005	0.010E	0.0508	***	***	28
29	***		4.00 B	1.39	0.084	0.021	0.005	0.003	0.008E	0.0308	***	***	29
30	***		3.84 B	1.23	0.078	0.022	0.013	0.004	0.008E	0.0208	***	***	30
31	***		3.91 B		0.080		0.008	0.008		0.0208		***	31
										0.1908			
TOTAL	***	***	121.474	76.676	7.219	1.200	0.261	3.670	0.294	5.185	***	***	TOTAL
MEAN	***	***	3.92	2.49	0.233	0.040	0.008	0.118	0.010	0.167	***	***	MEAN
MAX	***	***	25.0	9.37	1.01	0.080	0.023	3.02	0.015	0.400	***	***	MAX
MIN	***	***	0.015	0.265	0.067	0.017	0.003	0.001	0.006	0.005	***	***	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.673
MAXIMUM DAILY, 25.00 ON MAR 22
MINIMUM DAILY, 0.001 ON AUG 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 33 10 N
LONG 112 24 40 W
DRAINAGE AREA, 1 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	***	JUL	22 0
FEB	***	AUG	306
MAR	10 500	SEP	25 4
APR	6 450	OCT	446
MAY	623	NOV	***
JUN	104	DEC	***

TOTAL DISCHARGE, 18 500 dam³

MICHEL RESERVOIR NEAR ELKWATER - STATION NO 11AB091

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	***	***	***	***	***	***	***	***	***	***	***	***	1
2	***	***	***	303.991	***	***	304.597	***	***	***	***	***	2
3	***	***	***	***	***	***	***	***	***	***	***	***	3
4	***	***	***	***	***	***	***	***	***	***	***	***	4
5	***	***	***	***	***	***	***	***	304.171	***	***	***	5
6	***	***	301.665E	303.425E	304.780E	304.742	304.635E	304.270E	304.175E	304.270E	***	***	6
7	***	***	***	***	304.777	***	***	304.269	***	***	***	***	7
8	***	***	***	***	***	***	304.627	***	***	***	***	***	8
9	***	***	***	303.723	***	***	***	***	***	304.272	***	***	9
10	***	***	***	***	***	***	***	***	***	***	***	***	10
11	***	***	301.667	304.012	***	***	***	***	***	***	***	***	11
12	***	***	***	***	***	***	***	***	***	***	***	***	12
13	***	***	***	***	***	***	***	***	***	***	***	***	13
14	***	***	***	***	***	***	***	***	***	***	***	***	14
15	***	***	***	***	***	***	***	***	***	***	***	***	15
16	***	***	301.780E	304.763	304.610	304.670E	304.670E	304.230E	304.214	304.270E	***	***	16
17	***	***	***	***	***	***	304.486	***	***	***	***	***	17
18	***	***	***	***	***	304.696	***	***	***	304.270	***	***	18
19	***	***	301.638	***	***	***	***	304.212	***	***	***	***	19
20	***	***	***	***	***	***	***	***	***	***	***	***	20
21	***	***	***	***	***	***	***	***	***	***	***	***	21
22	***	***	***	***	***	***	***	***	***	***	***	***	22
23	***	***	***	***	***	***	***	***	***	***	***	***	23
24	***	301.663E	***	***	***	***	***	***	***	***	***	***	24
25	***	***	302.744	***	***	***	***	***	304.282	***	***	***	25
26	***	***	***	304.750E	***	304.690E	***	***	304.302E	***	***	***	26
27	***	301.663	302.787	***	304.780E	***	304.336E	304.200E	***	304.285E	***	***	27
28	***	291.663E	***	***	304.767	***	***	304.282	***	304.252	***	***	28
29	***		***	304.787	***	***	304.332	***	***	***	***	***	29
30	***		***	304.782	***	304.670E	***	***	304.285E	***	***	***	30
31	***		302.680E		304.746E		304.300E	304.166E		304.250E		***	31
MEAN	***	***	***	***	***	***	***	***	***	***	***	***	MEAN
MAX	***	***	***	***	***	***	***	***	***	***	***	***	MAX
MIN	***	***	***	***	***	***	***	***	***	***	***	***	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 304.610 ON MAY 16

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 31 24 N
LONG 110 22 07 W

E - ESTIMATED

REGULATED

DRAINAGE AREA, 22.6 km²

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

REMARKS - DATA BEFORE 1983 PUBLISHED UNDER THE NAME "MICHELE RESERVOIR NEAR ELKWATER"

MICHICHI CREEK AT DRUMHELLER - STATION NO. 05CE02G

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	16.1	0.807	0.0270	0	0 E	0 E	0 E	0E	---	1
2	---	---	0 B	20.6	0.495	0.0180	0	0 E	0 E	0 E	0E	---	2
3	---	---	0 B	11.2	0.421	0.010	0	0 E	0 E	0 E	0E	---	3
4	---	---	0 B	6.06	0.3080	0.009	0	0 E	0 E	0 E	0	---	4
5	---	---	0 B	4.34	0.3140	0.008	0	0 E	0 E	0 E	---	---	5
6	---	---	0 B	3.72 E	0.2800	0.005	0 E	0 E	0 E	0 0020	---	---	6
7	---	---	0 B	3.11 E	0.2070	0.006	0 E	0 E	0 E	0 001	---	---	7
8	---	---	0.0010	2.49	0.183	0.0040	0	0 0020	0 E	0 001E	---	---	8
9	---	---	0.0010	1.88	0.185	0.0020	0	0 0030	0 E	0 E	---	---	9
10	---	---	0.0010	1.39	0.157	0 E	0	0 0020	0	0 E	---	---	10
11	---	---	0.0090	1.17	0.1340	0 E	0	0 0010	0	0 E	---	---	11
12	---	---	0.0010	0.970	0.1100	0 E	0	0 001	0 590	0 E	---	---	12
13	---	---	0.0090	0.8100	0.087	0 E	0 E	0 0010	0 169	0 E	---	---	13
14	---	---	0.2220	0.6440	0.084	0 E	0	0 0010	0 0300	0 E	---	---	14
15	---	---	0.0060	0.478	0.050	0 E	0	0 0200	0 0100	0.0020	---	---	15
16	---	---	0.0510	0.404	0.027	0 E	0	0 0100	E 0050	0 0010	---	---	16
17	---	---	0.02 B	0.266	0.010	0 E	0 003	0 0020	E 0020	0 E	---	---	17
18	---	---	11.4 B	0.301	0.0170	0	0	0 0010	E 0020	0 E	---	---	18
19	---	---	10.0 B	0.3470	0.0140	0 E	0	0 0010	E 0060	0 E	---	---	19
20	---	---	15.8 B	0.3030	0.012	0 E	0 E	0 0010	E 0020	0 E	---	---	20
21	---	---	11.3 B	0.4360	0.009	0 E	0 E	0 0500	0 0010	0 E	---	---	21
22	---	---	9.40 B	0.484	0.003	0 E	0	0 335	0 E	0 E	---	---	22
23	---	---	7.76 B	0.566	0.006	0 E	0	0 0400	0 E	0 E	---	---	23
24	---	---	6.07 B	0.549	0.007	0 E	0	0 0100	0 E	0 E	---	---	24
25	---	0.0010	4.40 B	1.44	0.0210	0 E	0	0 0030	0 E	0 E	---	---	25
26	---	0.0010	7.00 B	1.63	0.0340	0 E	0	0 E	0 E	0 E	---	---	26
27	---	0.0010	5.60 B	1.61 E	0.0480	0 E	0 E	0 E	0 E	0 E	---	---	27
28	---	0.0010	4.39 B	1.60 E	0.062	0 E	0 E	0 E	0 E	0 E	---	---	28
29	---		7.33 B	1.56	0.0540	0 E	0 E	0 E	0 E	0 E	---	---	29
30	---		10.2 B	1.23	0.0450	0 E	0 E	0 E	0 E	0 E	---	---	30
31	---		13.2 B		0.0360		0 E	0 E		0 E	---	---	31
TOTAL	---	---	131.913	87.870	4.059	0.089	0.003	0.524	0.764	0.007	---	---	TOTAL
MEAN	---	---	4.26	2.93	0.131	0.003	0	0.017	0.025	0	---	---	MEAN
MAX	---	---	15.8	20.6	0.567	0.027	0.003	0.335	0.590	0.002	---	---	MAX
MIN	---	---	0	0.266	0.003	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.819
MAXIMUM DAILY, 20.6 ON APR 2
MINIMUM DAILY, 00 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO SET

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 26 17 B
LONG 113 42 00 W
DRAINAGE AREA, 1 140 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0 20
FEB	---	AUG	65 3
MAR	11 400	SEP	66 0
APR	7 590	OCT	0 60
MAY	351	NOV	---
JUN	7.56	DEC	---

TOTAL DISCHARGE, 19 500 dam³

MIDDLE CREEK NEAR THE SASKATCHEWAN BOUNDARY - STATION NO. 11AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	5.099	1.09	0.023	0.018	0.010	0.003	0.004	---	---	1
2	---	---	0 B	3.35	0.810	0.046	0.016	0.010	0.003	0.004	---	---	2
3	---	---	0 B	2.64	0.631	0.073	0.016	0.010	0.003	0.004	---	---	3
4	---	---	0 B	1.73	0.358	0.046	0.017	0.010	0.005	0.004	---	---	4
5	---	---	0 B	0.913	0.495	0.033	0.017	0.010	0.005	0.004	---	---	5
6	---	---	0 B	0.343	0.502	0.026	0.016	0.008	0.006	0.004	---	---	6
7	---	---	0 B	0.183	0.252	0.031	0.016	0.008	0.007	0.004	---	---	7
8	---	---	0 B	0.233	0.133	0.018	0.017	0.008	0.008	0.004	---	---	8
9	---	---	0 B	0.339	0.083	0.030	0.018	0.007	0.007	0.004	---	---	9
10	---	---	0 B	2.56	0.089	0.033	0.027	0.007	0.008	0.004	---	---	10
11	---	---	0 B	4.56	0.068	0.020	0.021	0.008	0.008	0.004	---	---	11
12	---	---	0 B	5.47	0.048	0.020	0.017	0.008	0.011	0.004	---	---	12
13	---	---	0 B	4.78	0.048	0.020	0.015	0.008	0.017	0.003	---	---	13
14	---	---	0 B	4.07	0.043	0.019	0.016	0.009	0.009	0.003	---	---	14
15	---	---	0 B	3.83	1.38	0.017	0.015	0.008	0.008	0.004	---	---	15
16	---	---	0 B	3.37	1.87	0.018	0.013	0.008	0.008	0.004	---	---	16
17	---	---	0.1020	1.06	1.13	0.015	0.013	0.008	0.007	0.003	---	---	17
18	---	---	0.3020	0.784	0.571	0.017	0.013	0.008	0.008	0.003	---	---	18
19	---	---	0.1200	0.648	0.282	0.018	0.013	0.008	0.010	0.003	---	---	19
20	---	---	0.0800	0.530	0.170	0.020	0.013	0.008	0.010	0.003	---	---	20
21	---	---	2.26 B	0.431	0.118	0.020	0.011	0.007	0.009	0.004	---	---	21
22	---	---	1.46 B	0.360	0.070	0.020	0.010	0.008	0.010	0.004	---	---	22
23	---	---	0.7300	0.148	0.055	0.020	0.009	0.008	0.009	0.004	---	---	23
24	---	---	0.2040	0.080	0.044	0.018	0.011	0.007	0.010	0.004	---	---	24
25	---	---	0.0850	0.210	0.030	0.017	0.011	0.008	0.009	0.004	---	---	25
26	---	00	0.0070	0.302	0.033	0.017	0.010	0.006	0.008	0.004	---	---	26
27	---	00	0.0060	0.416	0.030	0.019	0.008	0.004	0.005	0.003	---	---	27
28	---	00	0.005	0.412	0.026	0.017	0.008	0.005	0.005	0.003	---	---	28
29	---		0.075	1.87	0.024	0.018	0.007	0.005	0.004	0.0054	---	---	29
30	---		0.116	3.41	0.035	0.018	0.008	0.004	0.004	0.0058	---	---	30
31	---		0.077		0.038		0.008	0.003		0.0058		---	31
TOTAL	---	---	8.802	88.848	10.188	0.894	0.438	0.224	0.210	0.122	---	---	TOTAL
MEAN	---	---	0.189	1.88	0.328	0.023	0.014	0.007	0.007	0.004	---	---	MEAN
MAX	---	---	3.38	5.78	1.87	0.073	0.027	0.010	0.017	0.008	---	---	MAX
MIN	---	---	0	0.068	0.024	0.015	0.007	0.003	0.003	0.003	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.276
MAXIMUM DAILY, 5.78 ON APR 13
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
5.11 AT 20:30 CST ON APR 13

SUMMARY FOR THE MONTHS MAR TO SET

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 20 B
LONG 110 03 09 W
DRAINAGE AREA, 305 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	37.6
FEB	---	AUG	19.4
MAR	906	SEP	18.8
APR	4 310	OCT	10.8
MAY	878	NOV	---
JUN	99.0	DEC	---

TOTAL DISCHARGE, 9 849 dam³

MIDDLE FORK CREEK IN CIRQUE NEAR SEEBE - STATION NO. 08ŠF020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.096	0.062	0.008	0.051	0.038	---	---	1
2	---	---	---	---	---	0.093	0.061	0.008	0.045	0.037A	---	---	2
3	---	---	---	---	---	0.093	0.058	0.008	0.041	---	---	---	3
4	---	---	---	---	---	0.094	0.055	0.008	0.040	---	---	---	4
5	---	---	---	---	---	0.093	0.052	0.008	0.037	---	---	---	5
6	---	---	---	---	---	0.102	0.049	0.007	0.034	---	---	---	6
7	---	---	---	---	---	0.106	0.045	0.008	0.032	---	---	---	7
8	---	---	---	---	---	0.106	0.042	0.008	0.034	---	---	---	8
9	---	---	---	---	---	0.105	0.037	0.008	0.035	---	---	---	9
10	---	---	---	---	---	0.094	0.033	0.009	0.037	---	---	---	10
11	---	---	---	---	---	0.090	0.031	0.008	0.040	---	---	---	11
12	---	---	---	---	---	0.087	0.028	0.011	0.070	---	---	---	12
13	---	---	---	---	---	0.085	0.026	0.013	0.104	---	---	---	13
14	---	---	---	---	---	0.092	0.023	0.015	0.145	---	---	---	14
15	---	---	---	---	---	0.094	0.019	0.024	0.188	---	---	---	15
16	---	---	---	---	---	0.093	0.018	0.032	0.151	---	---	---	16
17	---	---	---	---	---	0.088	0.018	0.084	0.128	---	---	---	17
18	---	---	---	---	---	0.083	0.018	0.083	0.108	---	---	---	18
19	---	---	---	---	---	0.084	0.018	0.075	0.097	---	---	---	19
20	---	---	---	---	---	0.093	0.016	0.084	0.089	---	---	---	20
21	---	---	---	---	---	0.089	0.017	0.114	0.082	---	---	---	21
22	---	---	---	---	---	0.082	0.018	0.115	0.077	---	---	---	22
23	---	---	---	---	0.108A	0.078	0.018	0.108	0.069	---	---	---	23
24	---	---	---	---	0.111	0.072	0.015	0.104	0.063	---	---	---	24
25	---	---	---	---	0.107	0.063	0.014	0.104	0.058	---	---	---	25
26	---	---	---	---	0.107	0.058	0.013	0.101	0.053	---	---	---	26
27	---	---	---	---	0.088	0.051	0.011	0.091	0.052	---	---	---	27
28	---	---	---	---	0.093	0.053	0.010	0.084	0.047	---	---	---	28
29	---		---	---	0.093	0.055	0.010	0.074	0.041	---	---	---	29
30	---		---	---	0.092	0.061	0.010	0.068	0.040	---	---	---	30
31	---		---		0.093		0.009	0.059		---		---	31
TOTAL	---	---	---	---	---	2.842	0.847	1.488	2.052	---	---	---	TOTAL
MEAN	---	---	---	---	---	0.095	0.027	0.048	0.068	---	---	---	MEAN
MAX	---	---	---	---	---	0.106	0.062	0.115	0.188	---	---	---	MAX
MIN	---	---	---	---	---	0.051	0.009	0.007	0.032	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.097
MAXIMUM DAILY, 0.188 ON SEP 15
MINIMUM DAILY, 0.007 ON AUG 6
MAXIMUM INSTANTANEOUS,
0.191 AT 22:43 MST ON SEP 15

SUMMARY FOR THE MONTHS JUN TO SEP

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 30 N
LONG 115 11 55 W
DRAINAGE AREA, 1.17 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	73.2
FEB	---	AUG	128
MAR	---	SEP	177
APR	---	OCT	---
MAY	---	NOV	---
JUN	230	DEC	---

TOTAL DISCHARGE, 590 dam³

MIDDLE FORK CREEK NEAR SEEBE - STATION NO. 08ŠF017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.005	0.004	0.003	0.003	0.010	0.132	0.075	0.018	0.082	0.057	0.022	0.013	1
2	0.005	0.004	0.003	0.003	0.024	0.131	0.073	0.018	0.057	0.054	0.021	0.013	2
3	0.005	0.004	0.003	0.003	0.041	0.126	0.069	0.018	0.054	0.051	0.021	0.013	3
4	0.005	0.004	0.003	0.003	0.039	0.134	0.065	0.018	0.052	0.048	0.020	0.011	4
5	0.005	0.003	0.003	0.003	0.018	0.135	0.061	0.018	0.052	0.047	0.020	0.011	5
6	0.005	0.003A	0.003	0.003	0.020	0.137	0.057	0.017	0.050	0.043	0.020	0.011	6
7	0.005	0.003E	0.002	0.003	0.037	0.148	0.054	0.017	0.048	0.040	0.018	0.010	7
8	0.005	0.003E	0.002	0.003	0.030	0.146	0.048	0.020	0.048	0.040	0.018	0.010	8
9	0.005	0.003E	0.002	0.003	0.035	0.145	0.045	0.018	0.052	0.041	0.018	0.010	9
10	0.005	0.003E	0.002	0.005	0.035	0.138	0.043	0.020	0.058	0.038	0.017	0.010	10
11	0.005	0.003E	0.002	0.010	0.033	0.131	0.041	0.023	0.079	0.037	0.018	0.010	11
12	0.005	0.003E	0.002	0.009	0.029	0.123	0.040	0.034	0.1318	0.035	0.018	0.010	12
13	0.005	0.003E	0.002	0.015	0.030	0.126	0.038	0.034	0.1845	0.033	0.018	0.010	13
14	0.005	0.003E	0.003	0.018	0.032	0.130	0.035	0.039	0.1832	0.033	0.018	0.009	14
15	0.005	0.003E	0.003	0.011	0.044	0.130	0.033	0.063	0.178	0.031	0.018	0.009	15
16	0.004	0.003E	0.002	0.008	0.087	0.128	0.032	0.069	0.188	0.031	0.014	0.009	16
17	0.004	0.003E	0.003	0.008	0.087	0.118	0.035	0.087	0.148	0.030	0.014	0.008	17
18	0.005	0.003E	0.003	0.008	0.132	0.111	0.030	0.113	0.122	0.028	0.014	0.008	18
19	0.005	0.003E	0.003	0.008	0.188	0.112	0.026	0.114	0.117	0.029	0.014	0.008	19
20	0.005	0.003E	0.003	0.008	0.178	0.122	0.028	0.122	0.103	0.029	0.014	0.008	20
21	0.005	0.003E	0.003	0.007	0.185	0.117	0.028	0.144	0.095	0.028	0.014	0.008	21
22	0.005	0.003E	0.003	0.007	0.187	0.108	0.026	0.150	0.088	0.026	0.013	0.008	22
23	0.005	0.003E	0.003	0.006	0.177	0.097	0.026	0.142	0.078	0.027	0.013	0.008	23
24	0.004	0.003E	0.003	0.006	0.180	0.091	0.026	0.133	0.076	0.026	0.013	0.008	24
25	0.004	0.003	0.003	0.005	0.183	0.083	0.024	0.127	0.073	0.026	0.012	0.008	25
26	0.004	0.003	0.003	0.006	0.178	0.073	0.023	0.121	0.070	0.023	0.012	0.008	26
27	0.004	0.003	0.003	0.005	0.158	0.068	0.022	0.110	0.064	0.026	0.013	0.008	27
28	0.004	0.003	0.003	0.006	0.145	0.066	0.021	0.086	0.053	0.026	0.012	0.008	28
29	0.004		0.003	0.007	0.140	0.070	0.021	0.084	0.058	0.021	0.013	0.008	29
30	0.004		0.003	0.007	0.139	0.075	0.020	0.077	0.058	0.023	0.013	0.008	30
31	0.004		0.003		0.138		0.019	0.088		0.022		0.008	31
TOTAL	0.148	0.088	0.081	0.203	3.883	3.488	1.184	2.147	2.871	1.047	0.472	0.285	TOTAL
MEAN	0.005	0.003	0.003	0.007	0.083	0.116	0.038	0.088	0.088	0.034	0.018	0.009	MEAN
MAX	0.005	0.004	0.003	0.018	0.192	0.148	0.075	0.150	0.188	0.057	0.022	0.013	MAX
MIN	0.004	0.003	0.003	0.003	0.018	0.068	0.018	0.017	0.048	0.021	0.012	0.008	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.040
MAXIMUM DAILY, 0.192 ON MAY 25
MINIMUM DAILY, 0.002 ON MAR 7
MAXIMUM INSTANTANEOUS,
0.244 AT 21:22 MST ON MAY 24

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 34 N
LONG 115 10 10 W
DRAINAGE AREA, 2.68 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13.5	JUL	102
FEB	7.50	AUG	130
MAR	7.00	SEP	231
APR	17.5	OCT	90.5
MAY	348	NOV	40.5
JUN	306	DEC	26.5

TOTAL DISCHARGE, 1 370 dam³

MIETTE RIVER NEAR JASPER - STATION NO. 07AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.04 B	0.9400	0.8600	0.8900	1.22	39.4	47.7	9.19	5.88	5.13	3.180	1.23 B	1
2	1.03 B	0.9000	0.8600	1.12 B	1.58	41.8	37.6	8.61	5.89	5.00	3.190	1.23 B	2
3	1.02 B	0.8150	0.8500	1.15 B	3.20	45.5	35.6	9.40	5.88	5.04	3.110	1.23 B	3
4	1.02 B	0.8150	0.8300	1.17 B	4.45	43.0	35.6	9.55	5.74	4.53	3.050	1.27 B	4
5	1.01 B	0.8150	0.8210	1.18 B	4.21	42.2	36.4	8.91	5.23	4.79	2.920	1.33 B	5
6	0.9940	0.8130	0.8150	1.21 B	3.95	37.4	32.1	7.82	5.25	4.52	3.120	1.36 B	6
7	0.9850	0.8030	0.8000	1.23 B	3.94	32.6	27.0	10.1	7.44	4.08	3.090	1.28 B	7
8	0.9600	0.8050	0.7800	1.20	4.41	29.0	25.3	13.6	6.51	3.44	2.620	1.12 B	8
9	0.9740	0.7950	0.7850	1.24	4.86	22.6	26.3	11.5	6.87	4.07	1.780	1.08 B	9
10	0.9780	0.7760	0.7800	1.37	4.87	18.8	28.2	10.8	6.85	3.93	1.640	1.09 B	10
11	0.9820	0.8000	0.7700	1.50	4.40	17.7	25.4	8.78	7.35	3.98	2.009	1.10 B	11
12	0.9650	0.8500	0.7850	1.60	3.77	22.2	23.4	8.82	8.28	3.85	2.150	1.12 B	12
13	0.9900	0.8800	0.7550	1.71	3.73	25.4	19.5	8.35	10.5	3.76	2.310	1.15 B	13
14	0.9950	0.9000	0.7550	2.13	3.75	24.5	15.9	7.48	15.2	3.75	2.310	1.19 B	14
15	1.01 B	0.9350	0.7850	2.03	4.20	26.7	15.2	11.7	11.3	3.69	2.170	1.22 B	15
16	1.03 B	0.9100	0.7800	1.83	6.14	26.2	14.8	9.40	11.0	4.85	1.910	1.24 B	16
17	1.01 B	0.8950	0.7900	1.67	11.5	22.4	14.3	8.20	11.2	4.61	1.780	1.19 B	17
18	1.00 B	0.8780	0.7800	1.73	23.9	26.6	13.3	7.62	9.20	4.24	1.610	1.15 B	18
19	0.9945	0.8730	0.7800	1.89	36.6	37.2	12.9	7.20	8.71	4.16	1.570	1.12 B	19
20	0.9905	0.8650	0.7400	1.46	43.1	40.2	13.4	9.82	7.86	4.25	1.388	1.05 B	20
21	0.9850	0.8650	0.7200	1.34	46.2	31.3	13.9	10.1	8.19	4.19	1.388	1.00 B	21
22	0.9850	0.8610	0.7000	1.33	54.5	25.7	14.4	8.22	7.97	4.11	1.388	0.9350	22
23	0.9820	0.8610	0.6850	1.19	61.9	24.4	13.6	7.70	8.43	3.97	1.388	0.8950	23
24	0.9810	0.8600	0.6700	1.20	64.8	23.5	13.7	7.84	8.65	3.86	1.388	0.8400	24
25	0.9800	0.8590	0.6550	1.14	71.7	24.5	11.5	7.57	8.20	3.48	1.388	0.7900	25
26	0.9780	0.8570	0.6250	1.12	59.4	29.2	10.3	6.85	6.56	3.289	1.328	0.7300	26
27	0.9710	0.8510	0.6400	1.15	37.1	32.6	9.24	6.44	6.40	3.36	1.288	0.7000	27
28	0.9660	0.8570	0.6040	1.15	34.5	41.6	8.80	6.18A	5.43	3.558	1.278	0.7150	28
29	0.9640		0.6150	1.12	43.2	44.1	8.80	5.94	5.46	3.808	1.258	0.7200	29
30	0.9600		0.6500	1.15	46.8	50.2	8.60	5.86	5.21	3.368	1.248	0.7250	30
31	0.9530		0.7550		42.5		8.83	6.11		3.238		0.7550	31
TOTAL	30.734	23.941	23.194	41.100	731.48	987.6	610.37	260.29	243.84	125.01	59.78	32.955	TOTAL
MEAN	0.991	0.855	0.748	1.37	23.6	32.3	19.0	8.59	8.12	4.06	1.99	1.06	MEAN
MAX	1.04	0.940	0.850	2.13	71.7	50.2	47.7	13.6	15.5	5.13	3.19	1.36	MAX
MIN	0.953	0.775	0.804	0.890	1.22	17.7	8.80	5.86	5.21	3.23	1.24	0.700	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.67
MAXIMUM DAILY, 71.7 ON MAY 25
MINIMUM DAILY, 0.6040 ON MAR 28
MAXIMUM INSTANTANEOUS,
78.4 AT 02:55 MST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 51 50 N
LONG 118 08 21 W
DRAINAGE AREA, 830 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 650	JUL	53 400
FEB	2 070	AUG	22 000
MAR	2 000	SEP	21 100
APR	3 550	OCT	10 800
MAY	63 200	NOV	5 160
JUN	83 600	DEC	2 810

TOTAL DISCHARGE, 273 000 dam³

MILK RIVER AT EASTERN CROSSING OF INTERNATIONAL BOUNDARY - STATION NO. 11AA021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.5868	7.67	19.8	24.6	16.9	14.6	16.1	7.73	---	---	1
2	---	---	0.5108	8.40	20.1	23.7	16.5	14.7	15.0	6.48	---	---	2
3	---	---	0.4539	10.6	20.5	22.3	16.8	15.7	15.8	5.63	---	---	3
4	---	---	0.3968	11.7	21.4	27.5	16.2	15.7	15.8	5.35	---	---	4
5	---	---	0.3409	16.6	19.3	24.6	13.4	15.2	15.5	4.90	---	---	5
6	---	---	0.2639	19.3	16.8	22.8	13.5	15.2	17.3	4.64	---	---	6
7	---	---	0.4258	16.1	17.2	21.0	13.4	15.5	20.8	4.67	---	---	7
8	---	---	0.5868	15.7	22.9	20.9	13.6	15.5	16.1	4.60	---	---	8
9	---	---	0.6508	14.9	23.3	21.0	13.3	15.7	15.4	2.78	---	---	9
10	---	---	1.27 B	16.3	22.4	21.4	11.0	15.3	15.2	4.46	---	---	10
11	---	---	1.70 B	17.6	23.0	20.9	8.21	15.3	14.7	4.67	---	---	11
12	---	---	1.64 B	17.6	23.3	20.8	6.61	15.9	24.7	6.31	---	---	12
13	---	---	1.98 B	18.7	21.4	20.7	4.16	16.4	21.4	5.13	---	---	13
14	---	---	2.55 B	21.8	19.4	19.3	3.20	16.4	16.7	4.62	---	---	14
15	---	---	2.61 B	22.3	19.3	19.6	2.86	17.6	20.1	4.70	---	---	15
16	---	---	2.66 B	21.0	16.2	19.0	2.12	16.2	21.4	4.38	---	---	16
17	---	---	2.69 B	20.7	19.1	19.5	1.93	17.6	16.7	4.33	---	---	17
18	---	---	2.72 B	21.2	19.1	19.4	8.03	17.6	16.5	4.67	---	---	18
19	---	---	2.76 B	21.1	19.4	19.2	13.2	17.3	22.0	4.38	---	---	19
20	---	---	2.78 B	20.2	20.0	19.9	14.7	16.6	20.0	4.02	---	---	20
21	---	---	2.80 B	19.8	21.6	19.2	14.4	16.7	19.6	4.16	---	---	21
22	---	---	12.2	18.0	21.7	19.0	13.7	16.1	19.6	4.38	---	---	22
23	---	---	12.4	19.3	21.3	19.7	13.7	16.9	19.5	4.08	---	---	23
24	---	---	11.6	19.5	21.7	19.9	13.7	16.4	19.9	3.92	---	---	24
25	---	---	10.3	21.9	21.8	19.8	14.0	16.6	19.1	3.34	---	---	25
26	---	---	8.57	20.6	21.8	19.7	14.6	16.8	18.8	3.17	---	---	26
27	---	---	8.18	19.6	20.8	19.7	14.7	17.0	18.7	3.87	---	---	27
28	---	---	7.22	19.3	21.9	19.0	14.6	17.6	13.0	3.60	---	---	28
29	---		8.03	19.2	21.4	19.4	14.7	17.7	11.6	3.78	---	---	29
30	---		8.63	19.6	22.3	19.4	14.7	17.3	9.88	2.55	---	---	30
31	---		8.29		22.8		19.0	19.8		2.48		---	31
TOTAL	---	---	122.639	535.77	664.9	637.3	389.14	519.1	532.35	138.29	---	---	TOTAL
MEAN	---	---	3.96	17.9	21.1	21.2	11.9	16.8	17.7	4.40	---	---	MEAN
MAX	---	---	12.4	22.3	23.3	23.7	19.0	19.8	24.7	7.73	---	---	MAX
MIN	---	---	0.263	7.67	19.8	18.0	1.93	14.7	9.88	2.48	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.3
MAXIMUM DAILY, 23.7 ON JUN 2
MINIMUM DAILY, 0.2639 ON MAR 8
MAXIMUM INSTANTANEOUS,
52.4 AT 10:00 MST ON MAY 30

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 03 N
LONG 110 26 10 W
DRAINAGE AREA, 9 480 km²

B - ICE CONDITIONS

REGULATED SINCE 1917

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	31 890
FEB	---	AUG	44 530
MAR	10 980	SEP	46 080
APR	46 290	OCT	11 890
MAY	56 600	NOV	---
JUN	55 100	DEC	---

TOTAL DISCHARGE, 303 000 dam³

MILK RIVER AT MILK RIVER - STATION NO. 11AA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0100	0.0140	0.0428	14.7	20.3	21.1	16.2	16.5	17.2	2.74	1.79 B	0.1738	1
2	0.0200	0.0180	0.0428	16.5	18.2	20.5	15.5	16.5	16.8	2.62	1.70 B	0.1488	2
3	0.0300	0.0180	0.0428	22.4	15.5	24.0	15.5	16.4	16.2	2.21	1.46 B	0.1038	3
4	0.0458	0.0180	0.0418	26.7	15.3	23.6	15.5	16.7	16.9	1.99	1.53 B	0.1138	4
5	0.0400	0.0200	0.0508	30.2	18.6	22.3	15.6	16.7	13.9	1.93	1.44 B	0.1338	5
6	0.0278	0.0188	0.0500	20.6	20.3	22.0	15.4	16.6	12.3	2.26	1.37 B	0.1778	6
7	0.0238	0.0198	0.1308	20.7	20.3	21.5	13.2	16.5	11.8	2.488	1.10 B	0.2208	7
8	0.0308	0.0138	0.1708	21.3	20.5	20.9	9.45	16.5	11.7	2.358	1.08 B	0.2458	8
9	0.0208	0.0108	0.2308	20.1	21.0	20.9	5.65	16.7	11.4	2.268	1.07 B	0.2178	9
10	0.0108	0.0148	0.3008	19.8	21.0	20.5	3.20	16.7	10.3	2.268	1.06 B	0.2328	10
11	0.0148	0.0188	0.4508	21.2	20.6	21.5	1.74	16.9	8.67	2.138	1.09 B	0.2208	11
12	0.0168	0.0228	0.5108	23.6	21.3	20.7	0.861	17.4	12.9	2.88	1.10 B	0.2308	12
13	0.0228	0.0268	0.6008	23.6	20.6	20.3	0.574	17.4	22.3	2.84	1.12 B	0.2408	13
14	0.0268	0.0308	0.6508	23.2	20.6	19.6	0.51	17.2	18.6	3.06	1.11 B	0.2308	14
15	0.0308	0.0348	1.26 B	22.8	20.5	19.6	14.9	17.7	15.9	3.63	1.11 B	0.2408	15
16	0.0358	0.0368	1.38 B	23.6	20.4	19.7	10.8	18.2	17.8	3.11	1.10 B	0.3098	16
17	0.0408	0.0248	1.86 B	22.9	20.2	19.3	17.5	17.8	18.8	3.13	1.10 B	0.3508	17
18	0.0308	0.0238	3.80 B	21.6	20.3	19.1	18.8	17.4	18.9	3.02	1.09 B	0.3608	18
19	0.0208	0.0208	14.1 B	21.8	20.1	18.9	18.2	17.3	19.4	3.47	1.09 B	0.3618	19
20	0.0298	0.0248	13.8 B	22.1	20.2	18.9	18.0	17.9	19.1	2.99	1.10 B	0.3458	20
21	0.0308	0.0258	14.3 B	21.8	20.1	19.2	18.9	18.4	20.3	2.68	1.12 B	0.3298	21
22	0.0408	0.0338	9.23 B	20.5	20.2	19.4	18.8	18.4	19.8	2.38	1.10 B	0.3308	22
23	0.0458	0.0358	7.37 B	19.9	19.7	19.1	18.1	18.1	19.4	2.20	1.04 B	0.3408	23
24	0.0428	0.0408	6.84 B	18.7	19.3	19.0	18.5	17.9	19.1	2.02	0.8488	0.4108	24
25	0.0408	0.0448	6.48 B	19.6	20.2	18.8	18.8	17.8	18.6	1.99	0.7418	0.4888	25
26	0.0348	0.0448	5.26 B	19.7	20.5	18.4	18.8	17.7	13.1	1.93	0.8198	0.7188	26
27	0.0268	0.0438	5.66 B	19.6	20.1	18.3	18.4	17.6	8.20	2.04	0.4228	0.8208	27
28	0.0228	0.0438	6.39 B	19.6	19.5	18.4	18.5	17.7	8.01	2.88	0.3228	0.8298	28
29	0.0168		8.67 B	19.6	18.8	18.4	18.1	17.7	3.88	3.26	0.3888	1.08 B	29
30	0.0108		8.67 B	19.5	22.5	17.8	18.0	17.4	3.18	2.77	0.3488	1.00 B	30
31	0.0128		10.8 B		30.3		18.2	17.3		2.328		0.8908	31
TOTAL	0.874	0.708	138.737	624.6	626.9	617.3	414.985	527.7	437.20	82.47	31.388	11.732	TOTAL
MEAN	0.028	0.025	4.18	20.8	20.2	20.6	13.4	17.3	14.6	2.66	1.06	0.378	MEAN
MAX	0.048	0.044	14.3	30.3	30.3	31.1	17.5	18.4	22.3	3.96	1.79	1.06	MAX
MIN	0.010	0.010	0.041	14.7	15.3	17.8	0.574	16.4	3.16	1.93	0.246	0.103	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.83
MAXIMUM DAILY, 31.1 ON JUN 1
MINIMUM DAILY, 0.0108 ON JAN 1
MAXIMUM INSTANTANEOUS,
32.3 AT 14:45 MST ON JUN 1

SUMMARY FOR THE YEAR 1985

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 37 N
LONG 112 04 44 W
DRAINAGE AREA, 2 720 km²

B - ICE CONDITIONS

REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	75 5	JUL	35 806
FEB	61.2	AUG	45 508
MAR	11 200	SEP	37 800
APR	54 000	OCT	7 120
MAY	54 200	NOV	2 710
JUN	53 300	DEC	1 010

TOTAL DISCHARGE, 394 000 dam³

MILK RIVER AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY - STATION NO. 11AA025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.940	3.36	12.8	0.282	0	0.002	1.18	---	---	1
2	---	---	0 B	3.43	3.07	8.33	0.200	0	0	1.05	---	---	2
3	---	---	0 B	11.2	3.03	4.34	0.168	0	0	1.06	---	---	3
4	---	---	0 B	10.6	3.36	3.69	0.144	0	0	1.08	---	---	4
5	---	---	0 B	5.06	3.43	3.13	0.109	0	0	1.15	---	---	5
6	---	---	0 B	4.23	3.18	2.90	0.086	0	0.010	1.47	---	---	6
7	---	---	0 B	3.84	2.95	1.98	0.020	0	0.112	1.388	---	---	7
8	---	---	0 B	3.00	2.36	1.67	0.006	0	0.147	1.638	---	---	8
9	---	---	0 B	3.41	2.20	1.60	0	B	0.188	1.438	---	---	9
10	---	---	0 B	3.70	2.06	2.70	0	B	0.110	2.488	---	---	10
11	---	---	0 B	5.30	1.94	2.18	0	B	0.032	1.67	---	---	11
12	---	---	0 B	5.19	1.83	1.76	0	0	3.77	2.30	---	---	12
13	---	---	0 B	5.19	1.71	1.50	0	0	5.82	2.28	---	---	13
14	---	---	0.0018	5.81	1.67	1.33	0	0	3.02	2.68	---	---	14
15	---	---	0.1008	6.02	1.43	1.18	0	0	1.99	2.84	---	---	15
16	---	---	0.5008	5.90	1.32	0.972	0	B	1.28	2.71	---	---	16
17	---	---	1.00 B	3.90	1.26	0.831	0	B	0.906	3.73	---	---	17
18	---	---	2.50 B	3.35	1.22	0.708	0	B	0.844	3.16	---	---	18
19	---	---	3.35 B	3.41	1.17	0.810	0	0	0.782	2.83	---	---	19
20	---	---	4.80 B	3.41	1.18	0.676	0	B	2.35	2.07	---	---	20
21	---	---	4.80 B	3.03	1.08	0.887	0	0	2.10	1.83	---	---	21
22	---	---	3.70 B	2.38	1.01	0.844	0	0	1.96	1.70	---	---	22
23	---	---	3.23 B	2.20	0.813	1.30	0	0.010	1.48	1.87	---	---	23
24	---	---	3.26 B	1.97	0.866	1.02	0	0.008	1.84	1.61	---	---	24
25	---	---	3.17 B	1.66	0.872	0.724	0	B	1.49	1.88	---	---	25
26	---	08	1.94 B	1.38	0.803	0.805	0	0.006	1.39	1.87	---	---	26
27	---	08	2.24 B	1.84	0.954	0.395	0	0.003	1.18	3.03	---	---	27
28	---	08	2.28 B	1.84	1.48	0.314	0	0.007	1.34	3.27	---	---	28
29	---		1.65 B	2.08	1.88	0.288	0	0.048	1.84	2.61A	---	---	29
30	---		1.45 B	2.07	4.89	0.272	0	0.030	1.38	2.21A	---	---	30
31	---		1.68 B		13.7		0	0.013		2.08A		---	31
TOTAL	---	---	49.611	110.01	70.138	58.813	1.003	0.339	36.812	63.87	---	---	TOTAL
MEAN	---	---	1.32	3.89	2.26	1.96	0.032	0.008	1.23	2.06	---	---	MEAN
MAX	---	---	4.80	11.2	13.7	12.8	0.282	0.063	5.82	3.73	---	---	MAX
MIN	---	---	0	1.84	0.866	0.272	0	0	0	1.06	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.66
MAXIMUM DAILY, 12.8 ON JUN 1
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
13.0 AT 01:30 MST ON JUN 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 27 N
LONG 112 32 49 W
DRAINAGE AREA, 1 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	80.7
FEB	---	AUG	20.0
MAR	3 530	SEP	3 180
APR	10 300	OCT	6 030
MAY	8 000	NOV	---
JUN	5 000	DEC	---

TOTAL DISCHARGE, 33 000 dam³

MILK RIVER RIDGE RESERVOIR - STATION NO. 05AF030

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1021.821	1021.873	1021.626	1021.922	1022.310	1021.949	1021.622	1021.238	---	---	1
2	---	---	1021.815	1021.869	1021.623	1021.978	1022.307	1021.943	1021.630	1021.235	---	---	2
3	---	---	1021.810	1021.865	1021.614	1022.034	1022.300	1021.935	1021.628	1021.212	---	---	3
4	---	---	1021.809	1021.859	1021.586	1022.035	1022.291	1021.931	1021.633	1021.209	---	---	4
5	---	---	1021.804	1021.870	1021.579	1022.018	1022.259	1021.943	1021.637	1021.185	---	---	5
6	---	---	1021.980	1021.870	1021.578	1022.029	1022.232	1021.935	1021.642	1021.182	---	---	6
7	---	---	1021.992	1021.870	1021.571	1022.067	1022.191	1021.963	1021.841	1021.162	---	---	7
8	---	---	1021.989	1021.878	1021.552	1022.094	1022.166	1021.934	1021.844	1021.150	---	---	8
9	---	---	1021.983	1021.863	1021.516	1022.137	1022.134	1021.901	1021.855	1021.134	---	---	9
10	---	---	1021.980	1021.887	1021.510	1022.182	1022.097	1021.882	1021.847	1021.139	---	---	10
11	---	---	1021.980	1021.881	1021.481	1022.186	1022.033	1021.848	1021.811	1021.167	---	---	11
12	---	---	1021.983	1021.879	1021.483	1022.178	1021.957	1021.842	1021.825	1021.185	---	---	12
13	---	---	1021.987	1021.878	1021.488	1022.178	1021.888	1021.882	1021.845	1021.193	---	---	13
14	---	---	1021.987	1021.873	1021.488	1022.187	1021.827	1021.888	1021.825	1021.203	---	---	14
15	---	---	1021.998	1021.886	1021.518	1022.217	1021.782	1021.888	1021.787	1021.208	---	---	15
16	---	---	1021.815	1021.888	1021.548	1022.234	1021.701	1021.853	1021.759	1021.218	---	---	16
17	---	---	1021.821	1021.885	1021.578	1022.287	1021.833	1021.582	1021.711	1021.218	---	---	17
18	---	---	1021.828	1021.887	1021.591	1022.280	1021.893	1021.803	1021.873	1021.220	---	---	18
19	---	---	1021.833	1021.842	1021.618	1022.300	1021.857	1021.823	1021.837	1021.225	---	---	19
20	---	---	1021.835	1021.863	1021.634	1022.285	1021.835	1021.828	1021.808	1021.218	---	---	20
21	---	---	1021.835	1021.842	1021.691	1022.280	1021.813	1021.841	1021.868	1021.218	---	---	21
22	---	---	1021.843	1021.836	1021.717	1022.300	1021.488	1021.855	1021.824	1021.208	---	---	22
23	---	---	1021.850	1021.831	1021.718	1022.315	1021.449	1021.884	1021.883	1021.193	---	---	23
24	---	---	1021.853	1021.815	1021.713	1022.307	1021.428	1021.710	1021.813	1021.188	---	---	24
25	---	---	1021.852	1021.813	1021.689	1022.299	1021.433	1021.735	1021.850	1021.184	---	---	25
26	---	---	1021.858	1021.824	1021.701	1022.305	1021.433	1021.748	1021.282	1021.178	---	---	26
27	---	1021.827A	1021.854	1021.836	1021.736	1022.311	1021.490	1021.763	1021.257	1021.182	---	---	27
28	---	1021.833	1021.854	1021.840	1021.778	1022.307	1021.498	1021.773	1021.248	1021.188	---	---	28
29	---		1021.858	1021.831	1021.813	1022.304	1021.491	1021.784	1021.230	1021.183	---	---	29
30	---		1021.859	1021.835	1021.855	1022.307	1021.519	1021.807	1021.235	1021.182	---	---	30
31	---		1021.861		1021.893		1021.536	1021.808		1021.144A	---	---	31
MEAN	---	---	1021.828	1021.858	1021.630	1022.193	1021.805	1021.808	1021.848	1021.188	---	---	MEAN
MAX	---	---	1021.861	1021.887	1021.893	1022.315	1022.310	1021.808	1021.895	1021.236	---	---	MAX
MIN	---	---	1021.804	1021.813	1021.483	1021.922	1021.429	1021.482	1021.235	1021.139	---	---	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MAXIMUM DAILY, 1022.315 ON JUN 23

MAXIMUM INSTANTANEOUS,
1022.336 AT 13:20 MDT ON JUN 23

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY 0.761 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 00 N
LONG 112 35 30 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
180 km²

MILK CREEK NEAR THE MOUTH - STATION NO. 05AA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1800	0.2500	1.03	4.85	1.38	0.801	0.883	3.89	---	---	1
2	---	---	0.1200	0.7000	3.16	4.32	1.38	0.888	0.858	3.82	---	---	2
3	---	---	0.0900	0.4900	3.77	3.84	1.34	0.888	0.838	3.40	---	---	3
4	---	---	0.0705	0.7400	6.09	3.88	1.20	0.851	0.850	3.23	---	---	4
5	---	---	0.0800	0.6700	5.35	3.50	1.13	0.888	0.879	3.11	---	---	5
6	---	---	0.0858	0.5000	4.44	3.38	1.00	0.881	1.88	3.31	---	---	6
7	---	---	0.0858	0.5000	4.03	3.48	1.05	0.875	1.34	3.31	---	---	7
8	---	---	0.0800	0.5000	3.84	4.01	1.01	0.871	1.48	3.15	---	---	8
9	---	---	0.0800	0.7000	3.72	3.78	0.938	0.883	1.81	3.05	---	---	9
10	---	---	0.0858	1.31 B	3.68	3.48	0.933	0.858	2.02	3.88	---	---	10
11	---	---	0.0800	1.74 B	3.83	3.17	0.882	0.783	3.27	3.18	---	---	11
12	---	---	0.0705	1.90 B	3.38	3.03	0.844	1.08	5.73	3.33	---	---	12
13	---	---	0.0800	1.90 B	3.17	2.88	0.858	1.05	7.45	3.16	---	---	13
14	---	---	0.1000	2.00	3.18	2.88	0.843	0.882	6.81	3.15	---	---	14
15	---	---	0.1458	1.84	3.14	2.73	0.804	1.07	4.84	3.83	---	---	15
16	---	---	0.3000	1.58	3.38	2.88	0.765	3.31	3.88	4.88	---	---	16
17	---	---	0.2808	1.57	3.78	2.81	0.818	3.08	3.72	4.73	---	---	17
18	---	---	0.3300	1.47	4.31	2.38	0.783	2.48	3.84	4.23	---	---	18
19	---	---	0.3708	1.37	5.08	2.32	0.788	1.98	3.68	4.08	---	---	19
20	---	---	0.3888	1.30	5.88	2.38	0.788	1.87	3.48	4.38	---	---	20
21	---	---	0.3600	1.02	5.88	2.41	0.734	1.47	3.88	4.38	---	---	21
22	---	---	0.3000	0.911	6.83	2.16	0.727	1.33	4.18	4.32	---	---	22
23	---	---	0.2328	0.888	8.08	2.01	0.887	1.17	4.31	4.03	---	---	23
24	---	---	0.1800	0.811	6.92	1.88	0.758	1.06	4.18	3.78	---	---	24
25	---	---	0.1558	0.811	6.38	1.81	0.894	0.978	3.88	4.88	---	---	25
26	---	0.0828	0.1358	0.862	8.81	1.73	0.873	0.888	4.08	4.88	---	---	26
27	---	0.1200	0.1308	0.848	8.78	1.84	0.887	0.833	4.33	4.81	---	---	27
28	---	0.1808	0.1358	1.80	8.13	1.88	0.851	0.818	3.88	4.88	---	---	28
29	---		0.1308	2.38	4.74	1.88	0.837	0.813	3.71	4.31A	---	---	29
30	---		0.1408	1.99	4.88	1.44	0.835	0.888	3.81	4.28E	---	---	30
31	---		0.1858		4.43		0.814	0.889		4.28E		---	31
TOTAL	---	---	6.783	38.838	138.78	83.13	27.881	35.288	101.888	118.88	---	---	TOTAL
MEAN	---	---	0.188	1.30	4.47	2.77	0.873	1.14	3.40	3.83	---	---	MEAN
MAX	---	---	0.388	2.38	8.81	4.88	1.38	3.31	8.73	4.88	---	---	MAX
MIN	---	---	0.858	0.388	1.83	1.44	0.814	0.871	0.883	3.88	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.33
MAXIMUM DAILY, 8.73 ON SEP 12
MINIMUM DAILY, 0.0800 ON MAR 5
MAXIMUM INSTANTANEOUS,
11.0 AT 13:10 MDT ON SEP 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 10 N
LONG 114 00 00 W
DRAINAGE AREA, 170 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 360
FEB	---	AUG	3 000
MAR	612	SEP	8 810
APR	3 100	OCT	10 300
MAY	12 000	NOV	---
JUN	7 180	DEC	---

TOTAL DISCHARGE, 47 300 dam³

MINERS COULEE NEAR INTERNATIONAL BOUNDARY - STATION NO. 11AA029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.002	0.037	0.466	0	0	0	0	---	---	1
2	---	---	0 B	0.002	0.015	0.335	0	0	0	0	---	---	2
3	---	---	0 B	0.001	0.008	0.261	0	0	0	0	---	---	3
4	---	---	0 B	0.001	0.004	0.219	0	0	0	0	---	---	4
5	---	---	0 B	0.001	0.002	0.178	0	0	0	0	---	---	5
6	---	---	0 B	0.001	0.006	0.137	0	0	0	0	---	---	6
7	---	---	0 B	0.001	0.038	0.109	0	0	0	0	---	---	7
8	---	---	0 B	0.001	0.028	0.081	0	0	0	0	---	---	8
9	---	---	0 B	0.001	0.026	0.050	0	0	0	0	---	---	9
10	---	---	0 B	0.001	0.019	0.022	0	0	0	0	---	---	10
11	---	---	0 B	0.001	0.017	0.014	0	0	0	0	---	---	11
12	---	---	0 B	0.001	0.011	0.005	0	0	0	0	---	---	12
13	---	---	0 B	0.001	0.007	0.007	0	0	0	0.011	---	---	13
14	---	---	0 B	0.001	0.004	0.005	0	0	0	0.036	---	---	14
15	---	---	0 B	0.001	0.002	0.003	0	0	0	0.016	---	---	15
16	---	---	0 B	0.001	0.001	0	0	0	0	0.017	---	---	16
17	---	---	0.0018	0.001	0	0	0	0	0	0.018	---	---	17
18	---	---	0.0018	0.001	0	0	0	0	0	0.035	---	---	18
19	---	---	0.0018	0.001	0	0	0	0	0	0.074	---	---	19
20	---	---	0.0018	0.001	0	0	0	0	0	0.070	---	---	20
21	---	---	0.0018	0.001	0	0	0	0	0	0.085	---	---	21
22	---	---	0.0018	0.001	0	0	0	0	0	0.084	---	---	22
23	---	---	0.0018	0.001	0	0	0	0	0	0.080	---	---	23
24	---	---	0.0018	0.002	0	0	0	0	0	0.053	---	---	24
25	---	---	0.0018	0.003	0	0	0	0	0	0.048	---	---	25
26	---	08	0.0018	0.003	0	0	0	0	0	0.040	---	---	26
27	---	08	0 [illegible]18	0.003	0.008	0	0	0	0	0.033	---	---	27
28	---	08	0.0018	0.178	0.077	0	0	0	0	0.028A	---	---	28
29	---		0.0018	0.309	0.184	0	0	0	0	0.029E	---	---	29
30	---		0.0018	0.198	0.253	0	0	0	0	0.024E	---	---	30
31	---		0.0018		0.833		0	0		0.022E		---	31
TOTAL	---	---	0.015	0.586	1.540	1.898	0	0	0	0.761	---	---	TOTAL
MEAN	---	---	0	0.020	0.050	0.063	0	0	0	0.025	---	---	MEAN
MAX	---	---	0.001	0.309	0.833	0.466	0	0	0	0.074	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MI

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.020
MAXIMUM DAILY, 0.833 ON MAY 31
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.16 AT 08:40 MST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 05 N
LONG 111 24 10 W
DRAINAGE AREA, 109 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1.30	SEP	0
APR	50.8	OCT	65.8
MAY	133	NOV	---
JUN	164	DEC	---

TOTAL DISCHARGE, 415 dam³

MINISTIK LAKE NEAR NEW SAREPTA - STATION NO. 05EB013

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	787.080E	786.976	786.943	786.799	786.778	786.802	786.800	---	1
2	---	---	---	---	787.090A	786.973	786.940	786.801	786.778	786.801	786.797	---	2
3	---	---	---	---	787.082	786.969	786.937	786.798	786.777	786.813	786.789	---	3
4	---	---	---	---	787.090	786.956	786.928	786.795	786.785	786.797	786.796A	---	4
5	---	---	---	---	787.088	786.950	786.926	786.793	786.782	786.803	---	---	5
6	---	---	---	---	787.089	786.946	786.918	786.787	786.771	786.805	---	---	6
7	---	---	---	---	787.087	786.940	786.908	786.783	786.772	786.804	---	---	7
8	---	---	---	---	787.084	786.938	786.903	786.809	786.770	786.797	---	---	8
9	---	---	---	---	787.086	786.931	786.896	786.787	786.767	786.791	---	---	9
10	---	---	---	---	787.088	786.958	786.880	786.802	786.786	786.791	---	---	10
11	---	---	---	---	787.087	786.946	786.885	786.796	786.783	786.790	---	---	11
12	---	---	---	---	787.081	786.946	786.883	786.803	786.786	786.800	---	---	12
13	---	---	---	---	787.080	786.949	786.879	786.798	786.784	786.798	---	---	13
14	---	---	---	---	787.080	786.948	786.875	786.797	786.786	786.800	---	---	14
15	---	---	---	---	787.034	786.956	786.873	786.820	786.782	786.803	---	---	15
16	---	---	---	---	787.028	786.956	786.869	786.815	786.788	786.809	---	---	16
17	---	---	---	---	787.021	786.940	786.870	786.805	786.792	786.808	---	---	17
18	---	---	---	---	787.017	786.931	786.868	786.803	786.781	786.801	---	---	18
19	---	---	---	---	787.006	786.932	786.862	786.801	786.780	786.805	---	---	19
20	---	---	---	---	787.007	786.936	786.857	786.809	786.777	786.802	---	---	20
21	---	---	---	---	787.003	786.935	786.854	786.807	786.781	786.803	---	---	21
22	---	---	786.702A	---	786.996	786.932	786.857	786.803	786.786	786.803	---	---	22
23	---	---	---	---	786.993	786.933	786.846	786.786	786.786	786.807	---	---	23
24	---	---	---	---	786.986	786.970	786.848	786.783	786.802	786.798	---	---	24
25	---	---	---	787.088A	786.985	786.974	786.838	786.790	786.792	786.800	---	---	25
26	---	---	---	---	786.982	786.984	786.844	786.790	786.811	786.795	---	---	26
27	---	---	---	---	786.980	786.982	786.828	786.785	786.809	786.795	---	---	27
28	---	---	---	---	786.980	786.982	786.824	786.782	786.801	786.800	---	---	28
29	---		---	---	786.986	786.968	786.819	786.778	786.787	786.801	---	---	29
30	---		---	---	786.983	786.968	786.812	786.780	786.787	786.801	---	---	30
31	---		---		786.986		786.802	786.780		786.798		---	31
MEAN	---	---	---	---	787.039	786.963	786.873	786.797	786.783	786.801	---	---	MEAN
MAX	---	---	---	---	787.090	786.978	786.943	786.830	786.811	786.813	---	---	MAX
MIN	---	---	---	---	786.980	786.931	786.802	786.778	786.783	786.790	---	---	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MAXIMUM DAILY, 787.090 ON MAY 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 19 47 N
LONG 113 03 30 W

A - MANUAL GAUGE
E - ESTIMATED

DRAINAGE AREA,
99.3 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

MIQUELON LAKE AT PROVINCIAL PARK - STATION NO. 05EB014

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	***	***	782.900	***	***	782.638	***	***	***	***	***	***	1
2	***	***	***	***	***	***	***	***	***	***	***	***	2
3	***	***	***	***	***	***	***	***	***	***	***	***	3
4	***	***	***	***	***	***	782.696	782.684	***	***	782.663	***	4
5	***	***	***	***	***	***	***	***	***	***	***	***	5
6	***	***	***	***	***	***	***	***	***	***	***	***	6
7	***	***	***	***	***	***	***	***	***	***	***	***	7
8	***	***	***	***	***	***	782.686	782.680	***	***	***	***	8
9	***	***	***	***	***	***	***	782.678	***	***	***	***	9
10	***	***	***	***	***	***	***	782.684	***	***	***	***	10
11	***	***	***	***	***	***	***	***	***	***	***	***	11
12	***	***	***	***	***	***	***	***	***	***	***	***	12
13	***	***	***	***	***	***	782.657	***	***	***	***	***	13
14	***	***	***	***	***	***	***	***	***	***	***	***	14
15	***	***	***	***	***	***	782.655	***	***	***	***	***	15
16	***	***	***	***	***	***	782.656	***	***	***	***	***	16
17	***	***	***	***	***	782.661	***	***	***	***	***	***	17
18	***	***	***	***	***	***	***	782.694	782.654	***	***	***	18
19	***	***	***	***	***	***	782.635	***	***	***	***	***	19
20	***	***	***	***	***	***	782.645	782.682	***	***	***	***	20
21	***	***	***	***	***	***	***	***	***	***	***	***	21
22	***	***	***	***	***	782.690	***	***	***	***	***	***	22
23	***	***	***	***	***	***	***	***	***	***	***	***	23
24	***	***	***	***	782.638	***	***	782.680	***	***	***	***	24
25	***	***	***	782.676	***	782.691	***	***	***	***	***	***	25
26	***	***	***	***	***	***	***	***	***	***	***	***	26
27	***	***	***	***	782.640	***	***	***	***	***	***	***	27
28	***	***	***	***	***	***	***	***	***	***	***	***	28
29	***		***	***	782.640	***	***	***	***	***	***	***	29
30	***		***	***	***	***	***	***	***	***	***	***	30
31	***		***		***		***	***		***		***	31
MEAN	***	***	***	***	***	***	***	***	***	***	***	***	MEAN
MAX	***	***	***	***	***	***	***	***	***	***	***	***	MAX
MIN	***	***	***	***	***	***	***	***	***	***	***	***	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 14 42 N
LONG 112 53 35 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
34.3 km²

MISTAYA RIVER NEAR SASKATCHEWAN CROSSING - STATION NO. 05DA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7000	0.4250	M.6650	0.7020	1.020	12.0	23.3	19.8	8.23	3.46	M.00 E	0.6250	1
2	0.7000	0.4300	M.6550	0.7000	1.060	12.2	23.3	19.2	8.08	3.39	M.35 E	0.6100	2
3	0.7000	0.4450	M.6500	0.6150	1.240	12.3	23.6	20.6	7.38	3.32	M.25 E	0.6000	3
4	0.7150	0.4600	M.6450	0.6350	1.500	12.3	24.5	21.5	7.12	3.20	M.20 E	0.6050	4
5	0.7300	0.4700	M.6350	0.6500	1.900	12.4	26.1	20.5	7.00	3.11	M.33 E	0.6150	5
6	0.7220	0.4800	0.6200	0.6850	2.300	11.9	27.5	18.3	6.15	2.80	M.20 E	0.6350	6
7	0.7300	0.4950	0.6050	0.9050	2.170	11.2	28.3	17.8	7.20	2.87	M.05 E	0.6250	7
8	0.7350	0.5050	0.6000	0.9200	2.30	11.3	24.8	18.5	8.47	2.78	M.02 E	0.6050	8
9	0.7450	0.5150	0.7900	0.9250	2.44	10.5	26.4	19.3	8.80	2.69	M.02 E	0.7000	9
10	0.7500	0.5350	0.7850	0.9200	2.40	9.20	27.7	13.0	6.81	2.62	M.00 E	0.7000	10
11	0.7840	0.5450	0.8000	0.9000	2.25	8.38	26.9	11.5	8.04	2.57	0.8730	0.7750	11
12	0.7800	0.5500	0.8000	0.8850	2.27	8.87	26.8	11.3	7.76	2.48	0.8630	0.7800	12
13	0.8000	0.5550	0.8150	0.8850	2.30	11.3	22.3	10.5	11.5	2.45	0.8530	0.7850	13
14	0.8150	0.5650	0.8200	0.8800	2.23	13.2	18.8	9.34	10.9	2.44	0.8630	0.7900	14
15	0.8300	0.5750	0.8250	0.8400	2.26	13.2	17.4	10.7	9.42	2.65	0.8700	0.7950	15
16	0.8350	0.5900	0.8300	0.8350	2.94	13.2	16.4	10.8	8.47	3.36	0.8410	0.7850	16
17	0.8370	0.6050	0.8350	0.8300	3.32	10.0	16.1	9.86	7.84	3.31	0.8500	0.7750	17
18	0.8200	0.6300	0.8350	0.8300	5.33	11.3	15.6	9.86	8.01	3.07	0.8130	0.7850	18
19	0.8000	0.6500	0.8300	0.8300	8.86	14.4	15.9	10.8	8.35	3.16	0.8040	0.7900	19
20	0.7820	0.6900	0.8100	0.8300	11.8	17.0	16.7	11.3	8.01	3.86	0.8110	0.7350	20
21	0.7500	0.7150	0.7900	0.8350	12.3	16.7	16.7	12.4	8.52	3.38	0.8070	0.7800	21
22	0.7300	0.7550	0.7650	0.8400	13.3	16.3	20.6	11.3	8.25	3.20	0.8300	0.7850	22
23	0.7000	0.7900	0.7400	0.8450	14.0	13.4	23.1	10.2	4.89	3.11	0.7870	0.7250	23
24	0.6900	0.8150	0.7100	0.8550	16.2	11.6	21.8	10.4	4.60	3.00	0.8220	0.8050	24
25	0.6500	0.8500	0.7000	0.8700	16.2	10.2	19.7	12.1	4.39	2.86	0.8410	0.8650	25
26	0.5900	0.8700	0.6910	0.8800	16.7	8.38	16.7	12.1	4.18	2.803	0.8200	0.8540	26
27	0.5400	0.8780	0.6900	0.8950	13.6	8.87	17.6	11.3	4.04	2.709	0.8550	0.8000	27
28	0.4700	0.8760	0.7020	0.9150	12.2	13.4	18.8	10.9	3.86	2.510	0.8520	0.8050	28
29	0.4350		0.7200	0.9350	11.7	17.7	18.6	11.1	3.80	2.869	0.8500	0.8100	29
30	0.4350		0.7350	0.9850	12.3	21.7	17.2	11.5	3.97	2.350	0.8400	0.8150	30
31	0.4200		0.7500		12.3		16.3	10.8		1.750		0.8200	31
TOTAL	21.881	17.207	24.483	25.946	215.32	378.05	660.8	414.36	197.87	90.76	33.000	23.310	TOTAL
MEAN	0.700	0.617	0.780	0.865	6.94	12.6	21.3	13.4	6.60	2.93	0.897	0.730	MEAN
MAX	0.837	0.875	0.835	0.955	16.2	21.7	28.3	21.5	11.5	3.86	1.50	0.835	MAX
MIN	0.420	0.425	0.690	0.783	1.02	8.38	16.0	9.34	3.97	1.75	0.787	0.600	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.73
MAXIMUM DAILY, 28.9 ON JUL 11
MINIMUM DAILY, 0.4200 ON JAN 31
MAXIMUM INSTANTANEOUS,
28.9 AT 09:05 MST ON JUL 11

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 53 00 N
LONG 116 41 20 W
DRAINAGE AREA, 348 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 870	JUL	56 700
FEB	1 480	AUG	35 600
MAR	2 110	SEP	17 100
APR	2 340	OCT	7 840
MAY	18 600	NOV	2 880
JUN	32 680	DEC	1 930

TOTAL DISCHARGE, 181 000 dam³

MITCHELL RESERVOIR NEAR ELKWATER - STATION NO. 11AB005

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	34.483	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	33.391	---	---	---	5
6	---	---	---	---	35.080	35.035	---	---	---	---	---	---	6
7	---	---	33.360E	33.200E	35.075E	35.030E	34.300E	33.481	33.300E	33.339E	---	---	7
8	---	---	---	---	---	---	34.281	---	---	---	---	---	8
9	---	---	---	33.481	---	---	---	---	---	33.339	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	33.335	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	34.770	---	---	---	33.339	---	---	---	16
17	---	---	33.100E	34.990	34.800E	35.060	35.161	33.358E	33.339E	33.319E	---	---	17
18	---	---	---	---	---	---	---	---	---	33.319	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	31.980	---	---	---	---	33.349	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	33.110	---	---	---	---	---	33.341	---	---	---	25
26	---	33.362E	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	34.810E	---	34.950E	---	---	33.340E	---	---	---	27
28	---	33.362	33.113	---	35.080	---	33.955E	33.331	---	33.300E	---	---	28
29	---		---	---	---	---	---	---	---	33.288	---	---	29
30	---		---	34.867	---	34.980E	33.931	---	33.340E	---	---	---	30
31	---		33.470E		35.030E		33.845E	33.310E		33.340E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 35.080 ON MAY 6
MINIMUM DAILY, 31.980 ON MAR 20

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 35 38 N
LONG 110 09 24 W

E - ESTIMATED

REGULATED

DRAINAGE AREA, 60.3 km²

MONITOR CREEK NEAR CONSORT - STATION NO. 05BA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0390	0.308	0.025	0	0	0	0	0	---	1
2	---	---	0 B	3.31 B	0.256	0.017	0	0	0	0	0	---	2
3	---	---	0 B	1.67 B	0.308	0.010	0	0	0	0	0	---	3
4	---	---	0 B	2.35 B	0.363	0.010	0	0	0	0	0	---	4
5	---	---	0 B	3.40 B	0.343	0.020	0	0	0	0	0E	---	5
6	---	---	0 B	4.05 B	0.317	0.048	0	0	0	0	---	---	6
7	---	---	0 B	4.55 B	0.277	0.035	0	0	0	0	---	---	7
8	---	---	0 B	4.41 B	0.236	0.030	0	0	0	0	---	---	8
9	---	---	0 B	4.20 B	0.216	0.025	0	0	0	0	---	---	9
10	---	---	0 B	4.10	0.195	0.017	0	0	0	0	---	---	10
11	---	---	0 B	2.77	0.176	0.013	0	0	0	0	---	---	11
12	---	---	0 B	1.84	0.188	0.016	0	0	0	0	---	---	12
13	---	---	0 B	1.50	0.206	0.028	0	0	0	0	---	---	13
14	---	---	0 B	1.25	0.184	0.027	0	0	0	0	---	---	14
15	---	---	0 B	0.994	0.152	0.023	0	0	0	0	---	---	15
16	---	---	0 B	0.859	0.111	0.024	0	0	0	0	---	---	16
17	---	---	0 B	0.716	0.109	0.017	0	0	0	0	---	---	17
18	---	---	0 B	0.627	0.087	0.016	0	0	0	0	---	---	18
19	---	---	0 B	0.531	0.066	0.011	0	0	0	0	---	---	19
20	---	---	0 B	0.557	0.045	0.010	0	0	0	0	---	---	20
21	---	---	0 B	0.959	0.035	0.021	0	0	0	0	---	---	21
22	---	---	0 B	1.18	0.017	0.015	0	0	0	0	---	---	22
23	---	---	0 B	0.812	0.013	0.009	0	0	0	0	---	---	23
24	---	---	0.0010	0.604	0.007	0.008	0	0	0	0	---	---	24
25	---	---	0.0010	0.599	0.007	0.003	0	0	0	0	---	---	25
26	---	---	0.0020	0.833	0.008	0.002	0	0	0	0	---	---	26
27	---	---	0.0020	0.548	0.008	0	0	0	0	0	---	---	27
28	---	---	0.0030	0.533	0.005	0	0	0	0	0	---	---	28
29	---		0.0040	0.495	0.005	0	0	0	0	0	---	---	29
30	---		0.0100	0.435	0.030	0	0	0	0	0		---	30
31	---		0.0000		0.027		0	0		0		---	31
TOTAL	---	---	0.102	51.037	4.237	0.910	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.003	1.70	0.137	0.017	0	0	0	0	---	---	MEAN
MAX	---	---	0.040	4.55	0.363	0.048	0	0	0	0	---	---	MAX
MIN	---	---	0	0.435	0.005	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.238
MAXIMUM DAILY, 4.550 ON APR 7
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 20 N
LONG 110 45 37 W
DRAINAGE AREA, 910 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	8.90	SEP	0
APR	4 410	OCT	0
MAY	388	NOV	---
JUN	44.1	DEC	---

TOTAL DISCHARGE, 4 830 dam³

MONITOR CREEK NEAR MONITOR - STATION NO. 05GA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	4.75 B	0.285	0.018	0	0	0	0	0B	---	1
2	---	---	0 B	7.39 B	0.194	0.013	0	0	0	0	0B	---	2
3	---	---	0 B	10.8	0.142	0.015	0	0	0	0	0B	---	3
4	---	---	0 B	11.0	0.070	0.019	0	0	0	0	0B	---	4
5	---	---	0 B	8.08	0.110	0.023	0	0	0	0	0B	---	5
6	---	---	0 B	6.76	0.071	0.027	0	0	0	0	---	---	6
7	---	---	0 B	7.22	0.093	0.031	0	0	0	0	---	---	7
8	---	---	0 B	7.86	0.087	0.027	0	0	0	0	---	---	8
9	---	---	0 B	8.22	0.060+	0.022	0	0	0	0	---	---	9
10	---	---	0 B	7.83	0.024	0.020	0	0	0	0	---	---	10
11	---	---	0 B	5.82	0.024	0.024	0	0	0	0	---	---	11
12	---	---	0 B	4.88	0.016	0.027	0	0	0	0	---	---	12
13	---	---	0 B	3.10	0.052	0.032	0	0	0	0	---	---	13
14	---	---	0 B	2.30	0.033	0.029	0	0	0	0	---	---	14
15	---	---	0 B	1.61	0.040	0.025	0	0	0	0	---	---	15
16	---	---	0 B	1.16	0.026	B.021	0	0	0	0	---	---	16
17	---	---	0 B	0.900	0.012	B.014	0	0	0	0	---	---	17
18	---	---	0 B	0.702	0.003	B.010	0	0	0	0	---	---	18
19	---	---	0 1630	0.616	0	B.009	0	0	0	0	---	---	19
20	---	---	2.00 B	0.700	0	B.008	0	0	0	0	---	---	20
21	---	---	1.46 B	1.11	0	0.006	0	0	0	0	---	---	21
22	---	---	1.03 B	1.03	0	0.005	0	0	0	0	---	---	22
23	---	---	0.8088	1.26	0	0.005	0	0	0	0	---	---	23
24	---	---	0.5888	1.01	0.001	0.002	0	0	0	0	---	---	24
25	---	0B	0.6118	0.878	0.007	0.001	0	0	0	0	---	---	25
26	---	0B	0.5708	0.880	0.010	0	0	0	0	0	---	---	26
27	---	0B	0.6018	0.874	0.018	0	0	0	0	0	---	---	27
28	---	0B	0.5788	0.804	0.020	0	0	0	0	0	---	---	28
29	---		0.6138	0.454	0.019	0	0	0	0	0B	---	---	29
30	---		0.6118	0.388	0.019	0	0	0	0	0B	---	---	30
31	---		1.03 B		0.020		0	0		0B		---	31
TOTAL	---	---	11.832	110.873	1.447	0.433	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.378	3.70	0.047	0.014	0	0	0	0	---	---	MEAN
MAX	---	---	2.00	11.0	0.285	0.032	0	0	0	0	---	---	MAX
MIN	---	---	0	0.388	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.508
MAXIMUM DAILY, 11.0 ON APR 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
12.3 AT 23:55 MST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 53 10 N
LONG 110 34 30 W
DRAINAGE AREA, 1 440 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR 1 010		SEP	0
APR 9 580		OCT	0
MAY	135	NOV	---
JUN	37.4	DEC	---

TOTAL DISCHARGE, 10 800 dam³

MONTAGNEUSE RIVER NEAR HINES CREEK - STATION NO. 07FD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.1438	0.547	0.188	0.362	0.038	0.003	0.371	---	---	1
2	---	---	0 B	0.1718	0.556	0.183	0.316	B.033	0.003	0.373	---	---	2
3	---	---	0 B	0.2288	0.716	0.123	0.248	0.030	0.003	0.386	---	---	3
4	---	---	0 B	0.4808	1.08	0.122	0.178	0.028	0.003	0.385	---	---	4
5	---	---	0 B	0.4678	1.34	0.087	0.120	0.026	0.002	0.350	---	---	5
6	---	---	0 B	0.4318	1.40	0.084	0.086	B.023	0.002	0.346	---	---	6
7	---	---	0 B	0.4908	1.31	0.068	0.063	B.023	0.002	0.347	---	---	7
8	---	---	0 B	0.6488	1.17	0.030	0.046	B.021	0.003	0.330	---	---	8
9	---	---	0 B	2.94 B	1.02	0.078	0.043	0.019	0.003	0.327	---	---	9
10	---	---	0 B	3.02 B	0.953	0.070	0.032	0.018	0.002	0.351	---	---	10
11	---	---	0 B	2.68 B	0.858	0.061	0.034	B.013	0.002	0.358	---	---	11
12	---	---	0 B	2.80 B	0.752	0.068	0.026	B.011	0.002	0.383	---	---	12
13	---	---	0 B	4.03	0.884	0.044	0.027	B.008	0.010	0.358	---	---	13
14	---	---	0 B	6.37	0.801	0.038	0.027	0.058	0.038	0.326	---	---	14
15	---	---	0 B	6.19	0.847	0.038	0.028	0.013	0.133	0.302	---	---	15
16	---	---	0.0018	3.88	0.801	0.051	0.022	B.009	0.266	0.316	---	---	16
17	---	---	0.0028	2.50	0.452	0.033	0.026	B.007	0.307	0.346	---	---	17
18	---	---	0.0068	1.66	0.398	0.023	0.026	0.007	0.290	0.367	---	---	18
19	---	---	0.0088	1.20	0.376	0.028	0.032	0.008	0.278	0.376	---	---	19
20	---	---	0.0098	1.03	0.342	0.033	0.038	0.004	0.263	0.408	---	---	20
21	---	---	0.0088	0.833	0.317	0.018	0.033	B.003	0.261	0.430	---	---	21
22	---	---	0.0078	0.738	0.298	0.021	0.042	B.002	0.257	0.430	---	---	22
23	---	---	0.0078	0.668	0.281	0.033	0.036	0.002	0.484	0.417	---	---	23
24	---	---	0.0078	0.578	0.246	0.084	0.041	0.002	0.487	0.403	---	---	24
25	---	---	0.0078	0.538	0.230	0.198	0.048	B.003	0.878	0.387	---	---	25
26	---	---	0.0078	0.510	0.228	0.223	0.080	0.002	0.484	0.3078	---	---	26
27	---	---	0.0088	0.508	0.228	0.213	0.068	0.001	0.373	0.2508	---	---	27
28	---	0B	0.0098	0.528	0.238	0.263	0.058	0.001	0.308	0.2028	---	---	28
29	---		0.0118	0.522	0.232	0.348	0.067	B.001	0.313	0.1658	---	---	29
30	---		0.0168	0.533	0.218	0.418	0.108	0.002	0.331	0.1708	---	---	30
31	---		0.0808		0.201		0.088	0.002		0.1908		---	31
TOTAL	---	---	0.170	63.881	10.290	3.210	2.447	B.618	5.810	10.383	---	---	TOTAL
MEAN	---	---	0.005	1.46	0.800	0.107	0.079	B.013	0.187	0.335	---	---	MEAN
MAX	---	---	0.080	4.37	1.40	0.418	0.362	B.058	0.878	0.430	---	---	MAX
MIN	---	---	0	0.143	0.201	0.018	0.023	0.001	0.002	0.180	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.344
MAXIMUM DAILY, 4.37 ON APR 16
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.63 AT 04:30 MST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 33 00 N
LONG 118 43 40 W
DRAINAGE AREA, 330 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	211
FEB	---	AUG	35.8
MAR	10.3	SEP	488
APR 9 770		OCT	887
MAY 1 880		NOV	---
JUN	877	DEC	---

TOTAL DISCHARGE, 7 370 dam³

MOORE LAKE NEAR COLD LAKE - STATION NO. 06AC003

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	549.492	549.503	549.543	549.588	549.598	549.531	549.485	549.397	---	---	1
2	---	---	549.492	549.504	549.547	549.591	549.597	549.532	549.483	549.396	---	---	2
3	---	---	549.495	549.503	549.552	549.593	549.593	549.531	549.488	549.396	---	---	3
4	---	---	549.500	549.504	549.550	549.594	549.593	549.533	549.481	549.394	---	---	4
5	---	---	549.500	549.505	549.556	549.592	549.590	549.536	549.484	549.397	---	---	5
6	---	---	549.501	549.511	549.565	549.583	549.585	549.531	549.485	549.392	---	---	6
7	---	---	549.501	549.512	549.567	549.588	549.579	549.534	549.482	549.387	---	---	7
8	---	---	549.502	549.515	549.564	549.593	549.576	549.529	549.468	549.386	---	---	8
9	---	---	549.499	549.514	549.568	549.588	549.575	549.515	549.465	549.383	---	---	9
10	---	---	549.499	549.510	549.570	549.586	549.575	549.518	549.465	549.383	---	---	10
11	---	---	549.500	549.511	549.573	549.586	549.586	549.510	549.462	549.383	---	---	11
12	---	---	549.499	549.510	549.572	549.589	549.584	549.508	549.464	549.382	---	---	12
13	---	---	549.501	549.510	549.576	549.588	549.588	549.505	549.462	549.381	---	---	13
14	---	---	549.496	549.510	549.577	549.590	549.588	549.504	549.439	549.380	---	---	14
15	---	---	549.499	549.514	549.576	549.593	549.553	549.501	549.434	549.379	---	---	15
16	---	---	549.497	549.515	549.582	549.590	549.553	549.497	549.428	549.387	---	---	16
17	---	---	549.503	549.516	549.582	549.584	549.551	549.496	549.434	549.383	---	---	17
18	---	---	549.503	549.516	549.579	549.601	549.545	549.493	549.433	549.383	---	---	18
19	---	---	549.503	549.516	549.580	549.598	549.547	549.490	549.428	549.381	---	---	19
20	---	---	549.501	549.536	549.583	549.592	549.546	549.488	549.431	549.381	---	---	20
21	---	---	549.501	549.534	549.585	549.600	549.541	549.477	549.423	549.383	---	---	21
22	---	---	549.501	549.538	549.582	549.607	549.541	549.477	549.421	549.388	---	---	22
23	---	---	549.503	549.540	549.585	549.615	549.539	549.477	549.418	549.388	---	---	23
24	---	---	549.501	549.557	549.586	549.608	549.543	549.478	549.418	549.388	---	---	24
25	---	---	549.501	549.537	549.586	549.606	549.545	549.471	549.411	549.385	---	---	25
26	---	---	549.501	549.531	549.585	549.605	549.538	549.482	549.414	549.388	---	---	26
27	---	549.500A	549.501	549.534	549.583	549.605	549.535	549.484	549.408	549.383	---	---	27
28	---	549.493	549.504	549.536	549.580	549.605	549.536	549.483	549.404	549.385	---	---	28
29	---		549.503	549.535	549.587	549.601	549.534	549.487	549.402	549.385A	---	---	29
30	---		549.502	549.544	549.588	549.600	549.533	549.458	549.398	549.385A		---	30
31	---		549.502		549.585		549.535	549.484		549.385E		---	31
MEAN	---	---	549.500	549.524	549.575	549.595	549.558	549.498	549.434	549.386	---	---	MEAN
MAX	---	---	549.504	549.560	549.590	549.615	549.598	549.538	549.485	549.398	---	---	MAX
MIN	---	---	549.493	549.503	549.543	549.582	549.533	549.487	549.398	549.379	---	---	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MAXIMUM DAILY, 549.615 ON JUN 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 30 00 N
LONG 110 34 00 W

A - MANUAL GAUGE

E - ESTIMATED

DRAINAGE AREA,
93.2 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

MOOSEHILLS CREEK NEAR ELK POINT - STATION NO. 05ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.1808	0.494	0.044	0.011	0.102	0	0	0.0188	---	1
2	---	---	0 B	0.3088	0.293	0.038	0.013	0.073	0	0	0.0138	---	2
3	---	---	0 B	0.4378	0.227	0.018	0.007	0.058	0	0	0.0118	---	3
4	---	---	0 B	0.3008	0.215	0.020	0.007	0.049	0	0	0.0088	---	4
5	---	---	0.0018	0.1878	0.431	0.018	0.003	0.041	0	0	0.0078	---	5
6	---	---	0.0018	0.2388	0.488	0.084	0	0.018	0	0	0.0088	---	6
7	---	---	0 B	0.3038	0.403	0.138	0	0.018	0	0	0.0038	---	7
8	---	---	0 B	0.1858	0.288	0.206	0	0.018	0	0	---	---	8
9	---	---	0 B	0.1388	0.226	0.251	0.001	0.016	0	0	---	---	9
10	---	---	0 B	0.1038	0.180	0.240	0.003	0.011	0	0	---	---	10
11	---	---	0 B	0.157	0.182	0.202	0.003	0.008	0	0	---	---	11
12	---	---	0 B	0.180	0.155	0.158	0.001	0.004	0	0	---	---	12
13	---	---	0 B	0.218	0.158	0.111	0.002	0.003	0	0	---	---	13
14	---	---	0 B	0.283	0.183	0.114	0.005	0.003	0	0	---	---	14
15	---	---	0 B	0.483	0.171	0.184	0.002	0.004	0	0	---	---	15
16	---	---	0 B	0.383	0.160	0.201	0.001	0.004	0	0	---	---	16
17	---	---	0 B	0.294	0.108	0.169	0.003	0.003	0	0	---	---	17
18	---	---	0 B	0.288	0.078	0.131	0.004	0	0	0	---	---	18
19	---	---	0 B	0.278	0.062	0.088	0.004	0	0	0	---	---	19
20	---	---	0 B	0.268	0.084	0.081	0.005	0	0	0	---	---	20
21	---	---	0 B	0.283	0.035	0.043	0.015	0	0	0	---	---	21
22	---	---	0 B	0.334	0.030	0.039	0.013	0	0	0	---	---	22
23	---	---	0 B	0.288	0.018	0.114	0.011	0	0	0	---	---	23
24	---	---	0.0018	0.241	0.023	0.138	0.014	0	0	0	---	---	24
25	---	---	0.0018	0.217	0.030	0.111	0.014	0	0	0	---	---	25
26	---	---	0.0018	0.201	0.039	0.113	0.015	0	0	0	---	---	26
27	---	---	0.0028	1.13	0.030	0.082	0.010	0	0	0.003	---	---	27
28	---	---	0.0028	1.05	0.047	0.050	0.008	0	0	0.005	---	---	28
29	---		0.0028	0.817	0.087	0.033	0.008	0	0	0.0048	---	---	29
30	---		0.0028	0.588	0.081	0.015	0.018	0	0	0.0178	---	---	30
31	---		0.0028		0.083		0.085	0		0.0198		---	31
TOTAL	---	---	0.015	11.372	6.025	3.148	0.303	0.438	0	0.067	---	---	TOTAL
MEAN	---	---	0	0.378	0.193	0.105	0.010	0.014	0	0.002	---	---	MEAN
MAX	---	---	0.003	1.13	0.488	0.251	0.085	0.102	0	0.019	---	---	MAX
MIN	---	---	0	0.158	0.018	0.015	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.083
MAXIMUM DAILY, 1.13 ON APR 27
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.32 AT 19:32 MST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 56 03 N
LONG 110 48 39 W
DRAINAGE AREA, 30.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	30.1
FEB	---	AUG	35.8
MAR	1.30	SEP	0
APR	974	OCT	6.05
MAY	435	NOV	---
JUN	272	DEC	---

TOTAL DISCHARGE, 1 760 dam³

MOOSELAKE RIVER NEAR FRANCHERE - STATION NO. OSAC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0018	0B	0 B	0.0108	0.180	0.019	0	0	0	0	0	0	1
2	0.0018	0B	0 B	0.0708	0.146	0.017	0	0	0	0	0	0	2
3	0.0018	0B	0 B	0.0788	0.189	0.016	0	0	0	0	0	0	3
4	0.0018	0B	0 B	0.0849	0.302	0.012	0	0	0	0	0	0	4
5	0.0019	0B	0 B	0.0868	0.231	0.011	0	0	0	0	0	0	5
6	0.0019	0B	0 B	0.0878	0.210	0.010	0	0	0	0	0	0	6
7	0.0018	0B	0 B	0.0818	0.177	0.008	0	0	0	0	0	0	7
8	0 B	0B	0 B	0.0728	0.175	0.008	0	0	0	0	0	0	8
9	0 B	0B	0 B	0.0828	0.187	0.008	0	0	0	0	0	0	9
10	0 B	0B	0 B	0.0838	0.182	0.007	0	0	0	0	0	0	10
11	0 B	0B	0 B	0.081	0.135	0.006	0	0	0	0	0	0	11
12	0 B	0B	0 B	0.040	0.135	0.007	0	0	0	0	0	0	12
13	0 B	0B	0 B	0.033	0.133	0.006	0	0	0	0	0	0	13
14	0 B	0B	0 B	0.022	0.118	0.004	0	0	0	0	0	0	14
15	0 B	0B	0 B	0.016	0.084	0.004	0	0	0	0	0	0	15
16	0 B	0B	0 B	0.017	0.084	0.005	0	0	0	0	0	0	16
17	0 B	0B	0 B	0.015	0.080	0.004	0	0	0	0	0	0	17
18	0 B	0B	0 B	0.017	0.059	0.003	0	0	0	0	0	0	18
19	0 B	0B	0 B	0.023	0.045	0.003	0	0	0	0	0	0	19
20	0 B	0B	0 B	0.061	0.041	0.003	0	0	0	0	0	0	20
21	0 B	0B	0 B	0.127	0.037	0.002	0	0	0	0	0	0	21
22	0 B	0B	0 B	0.082	0.038	0.002	0	0	0	0	0	0	22
23	0 B	0B	0 B	0.097	0.031	0.002	0	0	0	0	0	0	23
24	0 B	0B	0 B	0.157	0.027	0.002	0	0	0	0	0	0	24
25	0 B	0B	0 B	0.198	0.026	0.001	0	0	0	0	0	0	25
26	0 B	0B	0 B	0.224	0.024	0.001	0	0	0	0	0	0	26
27	0 B	0B	0 B	0.186	0.026	0	0	0	0	0	0	0	27
28	0 B	0B	0 B	0.182	0.026	0	0	0	0	0	0	0	28
29	0 B		0 B	0.143	0.026	0	0	0	0	0	0	0	29
30	0 B		0.0018	0.147	0.026	0	0	0	0	0	0	0	30
31	0 B		0.0028		0.023		0	0		0		0	31
TOTAL	0.007	0	0.003	3.631	3.073	0.171	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0.084	0.099	0.006	0	0	0	0	0	0	MEAN
MAX	0.001	0	0.002	0.224	0.331	0.019	0	0	0	0	0	0	MAX
MIN	0	0	0	0.016	0.023	0	0	0	0	0	0	0	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.015
MAXIMUM DAILY, 0.331 ON MAY 5
MINIMUM DAILY, 0B ON JAN 8
MAXIMUM INSTANTANEOUS,
0.374 AT 15:59 MST ON APR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 39 25 N
LONG 111 00 10 W
DRAINAGE AREA, 1 010 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0.80	JUL	0
FEB	0	AUG	0
MAR	0.26	SEP	0
APR	310	OCT	0
MAY	286	NOV	0
JUN	16.0	DEC	0

TOTAL DISCHARGE, 901 dam³

MOSQUITO CREEK NEAR THE MOUTH - STATION NO. OSAC031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1938	0.120	0.113	1.08	1.00	1.18	0.813	0.867	0.087	---	1
2	---	---	0.1398	0.133	0.103	1.00	0.888	1.17	0.885	0.833	0.0748	---	2
3	---	---	0.1108	0.148	0.102	0.970	0.837	0.744	0.894	0.807	0.0888	---	3
4	---	---	0.2188	0.139	0.084	0.884	0.817	0.804	0.880	0.805	0.0778	---	4
5	---	---	0.1488	0.124	0.078	0.873	0.831	0.698	0.882	0.808	---	---	5
6	---	---	0.1928	0.123	0.087	0.821	0.884	0.858	0.830	0.874	---	---	6
7	---	---	0.1358	0.170	0.060	0.868	1.00	0.878	0.882	0.885	---	---	7
8	---	---	0.1108	0.184	0.026	0.813	1.01	0.808	0.783	0.877	---	---	8
9	---	---	0.1008	0.148	0.384	0.887	0.951	0.818	0.784	0.887	---	---	9
10	---	---	0.0938	0.138	0.808	0.858	0.908	0.808	0.788	0.847	---	---	10
11	---	---	0.0878	0.127	0.829	0.830	1.05	0.831	0.715	0.884	---	---	11
12	---	---	0.0838	0.118	0.867	0.848	1.05	0.757	1.33	0.805	---	---	12
13	---	---	0.0888	0.108	0.788	0.835	1.11	0.878	3.43	0.884	---	---	13
14	---	---	0.0838	0.102	0.882	0.860	1.16	0.738	1.87	0.888	---	---	14
15	---	---	0.0958	0.105	0.850	0.838	1.18	1.07	1.08	0.807	---	---	15
16	---	---	0.1028	0.081	0.858	0.838	0.843	1.03	0.883	0.818	---	---	16
17	---	---	0.1048	0.087	0.848	0.871	1.28	0.888	0.818	0.818	---	---	17
18	---	---	0.1088	0.093	0.833	0.884	1.33	0.483	0.788	0.885	---	---	18
19	---	---	0.3418	0.088	0.888	0.887	1.18	0.413	0.803	0.881	---	---	19
20	---	---	0.4888	0.118	1.02	1.00	0.870	0.413	0.748	0.884	---	---	20
21	---	---	0.4888	0.138	1.02	1.18	0.888	0.438	0.788	0.883	---	---	21
22	---	---	0.3858	0.138	1.08	1.18	0.874	0.880	0.778	0.881	---	---	22
23	---	---	0.3398	0.128	1.01	1.18	0.918	0.884	0.737	0.480	---	---	23
24	---	---	0.2448	0.128	0.888	1.07	0.827	0.853	0.737	0.188	---	---	24
25	---	---	0.2398	0.138	1.01	1.03	0.748	0.788	0.738	0.133	---	---	25
26	---	0.0388	0.2188	0.188	1.08	1.01	0.843	0.804	0.888	0.188	---	---	26
27	---	0.0388	0.1408	0.148	1.02	0.978	0.731	0.794	0.838	0.888	---	---	27
28	---	0.0818	0.1458	0.137	1.08	0.838	0.818	0.787	0.838	0.888	---	---	28
29	---		0.1438	0.123	1.38	0.888	1.08	0.738	0.883	0.883	---	---	29
30	---		0.1888	0.121	1.48	1.04	1.38	0.887	0.788	0.877	---	---	30
31	---		0.128		1.38		0.878	0.871		0.888		---	31
TOTAL	---	---	8.882	3.784	22.384	20.884	30.838	21.835	26.738	18.818	---	---	TOTAL
MEAN	---	---	0.183	0.138	0.721	0.888	0.888	0.784	0.888	0.884	---	---	MEAN
MAX	---	---	0.488	0.178	1.48	1.18	1.33	1.18	3.43	0.888	---	---	MAX
MIN	---	---	0.083	0.087	0.024	0.813	0.843	0.413	0.813	0.888	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.832
MAXIMUM DAILY, 3.43 ON SEP 13
MINIMUM DAILY, 0.024 ON MAY 8
MAXIMUM INSTANTANEOUS,
3.81 AT 18:32 MST ON SEP 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 30 N
LONG 113 33 15 W
DRAINAGE AREA, 930 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 800
FEB	---	AUG	1 800
MAR	688	SEP	2 280
APR	887	OCT	1 300
MAY	1 850	NOV	---
JUN	2 880	DEC	---

TOTAL DISCHARGE, 13 480 dam³

MOUNTAIN VIEW IRRIGATION DISTRICT CANAL - STATION NO. 05AD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0.335	2.87	2.33	3.17	0.025	1.91	0.0578	---	1
2	---	---	---	0.002	0.332	2.75	0.752	3.13	1.04	1.82	0.0438	---	2
3	---	---	---	0.007	0.434	2.70	0.376	3.23	1.83	1.90	0.0339	---	3
4	---	---	---	0	0.663	2.16	0.057	3.22	1.82	0.765	0.0360	---	4
5	---	---	---	0	1.30	1.98	1.24	3.21	1.83	0.048	0.0369	---	5
6	---	---	---	0	1.61	1.88	2.73	3.14	1.92	0.060	0.0419	---	6
7	---	---	---	0	1.73	2.03	3.73	3.14	1.00	0.065	0.0358	---	7
8	---	---	---	0	1.70	2.20	1.16	3.33	0.534	0.060	0.0358	---	8
9	---	---	---	0.011	1.70	2.15	0.836	3.31	0.841	0.047	0.0358	---	9
10	---	---	---	0.026	1.68	2.05	0.063	3.46	0.545	0.050	0.0358	---	10
11	---	---	---	0.032	1.66	1.85	2.27	3.81	0.530	0.060	0.0358	---	11
12	---	---	---	0.030	1.67	1.90	3.26	3.85	0.681	0.053	0.0308	---	12
13	---	---	---	0.032	1.64	2.03	3.23	4.22	0.391	0.041	0.0308	---	13
14	---	---	---	0.032	1.63	2.68	3.17	4.10	0.052	0.047	0.0308	---	14
15	---	---	---	0.035	1.63	2.63	3.26	2.97	0.044	0.061	0.0309	---	15
16	---	---	---	0.026	1.65	2.62	3.36	2.52	0.041	0.057	0.0308	---	16
17	---	---	---	0.021	1.69	2.60	3.36	2.50	0.047	0.048	0.0258	---	17
18	---	---	---	0.015	1.74	2.58	3.60	2.44	0.064	0.040	0.0258	---	18
19	---	---	---	0.013	1.60	2.54	3.53	2.36	0.065	0.044	0.0258	---	19
20	---	---	---	0.007	1.90	2.52	3.50	2.08	0.052	0.045	0.0258	---	20
21	---	---	---	0.008	1.84	2.30	3.45	1.83	0.053	0.042	0.0208	---	21
22	---	---	---	0.005	1.68	2.24	3.44	1.61	0.056	0.044	0.0158	---	22
23	---	---	---	0.121	2.47	2.18	3.46	1.26	0.057	0.045	0.0108	---	23
24	---	---	---	0.305	2.65	2.14	3.47	0.039	0.066	0.042	0.0058	---	24
25	---	---	---	0.332	2.90	2.10	3.41	0.042	0.132	0.039	0 0	---	25
26	---	---	---	0.330	1.66	2.06	3.36	0.060	0.131	0.038	0 0	---	26
27	---	---	00	0.329	1.59	2.03	3.38	0.065	1.35	0.042	0 0	---	27
28	---	---	00	0.333	2.66	2.13	3.34	0.052	1.87	0.041	0 0	---	28
29	---		00	0.331	2.62	2.26	3.28	0.036	1.84	0.039	0 0	---	29
30	---		00	0.330	2.73	2.33	3.23	0.035	1.93	0.040	0 0	---	30
31	---		00		2.63		3.16	0.035		0.0448		---	31
TOTAL	---	---	---	2.702	54.674	68.73	82.954	68.396	20.661	7.801	0.722	---	TOTAL
MEAN	---	---	---	0.090	1.76	2.29	2.67	2.21	0.689	0.252	0.024	---	MEAN
MAX	---	---	---	0.333	2.90	2.67	3.53	4.22	1.97	1.92	0.057	---	MAX
MIN	---	---	---	0	0.335	1.90	0.376	0.035	0.035	0.038	0	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.35
MAXIMUM DAILY, 4.22 ON AUG 13
MINIMUM DAILY, 0 ON APR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 00 N
LONG 113 41 30 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 140
FEB	---	AUG	5 910
MAR	---	SEP	1 780
APR	233	OCT	674
MAY	6 720	NOV	83.4
JUN	5 940	DEC	---

TOTAL DISCHARGE, 26 500 dam³

MUD LAKE DIVERSION CANAL - STATION NO. 05BF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.1980	3.16	2.64	1.72	0.763	0.477	---	---	1
2	---	---	---	---	0.1980	3.00	2.65	1.90	0.716	0.456	---	---	2
3	---	---	---	---	0.201	2.30	2.75	1.80	0.722	0.442	---	---	3
4	---	---	---	---	0.239	2.29	2.88	1.70	0.721	0.423	---	---	4
5	---	---	---	---	0.227	2.87	3.25	2.08	0.674	0.414	---	---	5
6	---	---	---	---	0.238	2.68	3.11	1.72	0.685	0.407	---	---	6
7	---	---	---	---	0.278	2.82	2.84	1.83	0.634	0.365	---	---	7
8	---	---	---	---	0.326	4.46	2.80	1.40	0.760	0.370	---	---	8
9	---	---	---	---	0.345	2.81	2.77	1.18	0.732	0.349	---	---	9
10	---	---	---	---	0.343	2.87	2.88	1.11	0.738	0.349	---	---	10
11	---	---	---	---	0.380	2.82	2.88	1.02	0.771	0.349	---	---	11
12	---	---	---	---	0.221	2.18	2.65	1.02	1.30	0.339	---	---	12
13	---	---	---	---	0.210	2.74	3.07	0.976	2.70	0.328	---	---	13
14	---	---	---	---	0.336	3.24	1.74	0.802	3.18	0.327	---	---	14
15	---	---	---	---	0.388	3.88	1.88	1.18	1.84	0.304	---	---	15
16	---	---	---	---	0.482	3.23	1.63	1.28	1.38	0.374	---	---	16
17	---	---	---	---	0.887	3.60	1.63	1.23	1.16	0.367	---	---	17
18	---	---	---	---	1.05	3.56	1.63	1.38	1.02	0.338	---	---	18
19	---	---	---	---	1.88	3.16	1.62	1.43	0.824	0.316	---	---	19
20	---	---	---	---	2.44	3.90	1.58	1.48	0.827	0.318	---	---	20
21	---	---	---	---	2.60	3.32	1.70	1.48	0.782	0.308	---	---	21
22	---	---	---	---	3.13	3.06	1.58	1.34	0.732	0.304	---	---	22
23	---	---	---	---	3.45	3.31	1.97	1.29	0.697	0.307	---	---	23
24	---	---	---	---	4.19	1.70	1.76	1.34	0.643	0.278	---	---	24
25	---	---	---	---	5.89	1.48	1.87	1.59	0.615	0.288	---	---	25
26	---	---	---	---	6.04	1.27	1.58	1.68	0.598	0.307	---	---	26
27	---	---	---	---	3.43	1.33	1.48	1.31	0.571	0.275	---	---	27
28	---	---	---	---	2.87	1.64	1.44	1.36	0.531	0.2630	---	---	28
29	---		---	---	2.73	2.20	1.48	1.18	0.517	0.2558	---	---	29
30	---		---	0.1988	2.70	2.97	1.60	1.10	0.488	0.2278	---	---	30
31	---		---		2.90		1.80	0.935		0.2278		---	31
TOTAL	---	---	---	---	49.332	79.08	68.80	41.645	27.872	10.480	---	---	TOTAL
MEAN	---	---	---	---	1.80	2.84	2.13	1.38	0.930	0.338	---	---	MEAN
MAX	---	---	---	---	6.80	4.46	3.25	2.08	2.70	0.477	---	---	MAX
MIN	---	---	---	---	0.198	1.27	1.44	0.802	0.488	0.227	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 6.80 ON MAY 25
MINIMUM DAILY, 0.1980 ON MAY 1

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 30 N
LONG 115 10 00 W
DRAINAGE AREA, 90.0 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1949

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 850
FEB	---	AUG	3 630
MAR	---	SEP	3 410
APR	---	OCT	905
MAY	4 280	NOV	---
JUN	6 630	DEC	---

TOTAL DISCHARGE, 33 700 dam³

MURIEL LAKE AT GUNNEYVILLE - STATION NO. 05AC007

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	559.285	559.289	---	559.288A	559.358	559.374	559.364	559.271	559.185	559.130	559.106	559.113E	1
2	559.287	559.289	---	559.286	559.362	559.375	559.361	559.271	559.182	559.132	559.107	559.113E	2
3	559.286	559.289	---	559.287	559.363	559.370	559.365	559.271	559.183	559.129	559.108	559.113E	3
4	559.286	559.286	---	559.288	559.361	559.371	559.358	559.281	559.183	559.130	559.111	559.113	4
5	559.284	559.288	---	559.290	559.364	559.364	559.354	559.297	559.186	559.123	559.112	559.113	5
6	559.285	559.286	---	559.290	559.362	559.361	559.353	559.286	559.181	559.128	559.115	559.112	6
7	559.283	559.279	---	559.289	559.363	559.361	559.345	559.286	559.180	559.126	559.117	559.117	7
8	559.281	559.280	---	559.291	559.360	559.364	559.344	559.277	559.178	559.123	559.118	559.118	8
9	559.280	559.281	---	559.289	559.363	559.359	559.340	559.260	559.176	559.111	559.119	559.122	9
10	559.281	559.281	---	559.290	559.363	559.355	559.342	559.256	559.168	559.109	559.120	559.123	10
11	559.280	559.282	---	559.289	559.365	559.400	559.341	559.257	559.168	559.118	559.122	559.124	11
12	559.284	559.283	---	559.291	559.362	559.396	559.342	559.260	559.170	559.104	559.123	559.127	12
13	559.285	559.284	---	559.294	559.359	559.391	559.340	559.247	559.162	559.118	559.111	559.134	13
14	559.287	559.284	---	559.292	559.366	559.393	559.340	559.240	559.158	559.119	559.089	559.133	14
15	559.288	559.287	---	559.292	559.366	559.392	559.337	559.243	559.159	559.116	559.102	559.134	15
16	559.286	559.289	---	559.292	559.364	559.384	559.332	559.236	559.148	559.111	559.115	559.138	16
17	559.270	559.289	---	559.294	559.364	559.368	559.328	559.236	559.155	559.114	559.126	559.138	17
18	559.278	559.291	---	559.293	559.362	559.391	559.322	559.234	559.156	559.115	559.123	559.141	18
19	559.277	559.291	---	559.292	559.370	559.390	559.316	559.233	559.153	559.120	559.124	559.148	19
20	559.277	559.294	---	559.310	559.376	559.383	559.313	559.219	559.143	559.121	559.124	559.151	20
21	559.280	559.293	---	559.333	559.376	559.387	559.313	559.216	559.146	559.117	559.121	559.152	21
22	559.280	559.292	---	559.336	559.376	559.390	559.312	559.209	559.146	559.122	559.113	559.150	22
23	559.284	559.293A	---	559.336	559.371	559.394	559.302	559.212	559.145	559.122	559.115	559.153	23
24	559.282	559.295E	---	559.337	559.371	559.388	559.303	559.216	559.145	559.114	559.115	559.154	24
25	559.284	559.297A	---	559.340	559.369	559.377	559.300	559.207	559.145	559.109	559.113	559.154	25
26	559.287	559.295E	---	559.344	559.368	559.377	559.294	559.187	559.138	559.115	559.113E	559.159	26
27	559.287	559.293E	---	559.350	559.372	559.382	559.285	559.187	559.140	559.116	559.113E	559.161	27
28	559.284	559.290E	---	559.355	559.377	559.378	559.285	559.184	559.137	559.104	559.113E	559.165	28
29	559.285		---	559.356	559.382	559.370	559.283	559.176	559.128	559.103	559.113E	559.165	29
30	559.286		---	559.359	559.379	559.365	559.280	559.177	559.133	559.101	559.113E	559.164	30
31	559.286		---		559.371		559.282	559.187		559.099		559.162	31
MEAN	559.273	559.288	---	559.309	559.376	559.384	559.335	559.235	559.150	559.117	559.115	559.137	MEAN
MAX	559.287	559.297	---	559.358	559.388	559.400	559.394	559.297	559.186	559.132	559.126	559.168	MAX
MIN	559.280	559.279	---	559.286	559.358	559.364	559.280	559.176	559.128	559.099	559.089	559.112	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 15 N
LONG 110 46 05 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA, 484 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

MUSKEG CREEK NEAR WESTEROSE - STATION NO. 05FA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.02 A	0.898	0.105	0.031	0.034	0.038	0.148	---	---	1
2	---	---	---	---	0.838	0.093	0.018	0.036	0.045	0.188	---	---	2
3	---	---	---	---	0.850	0.074	0.0018	0.021	0.044	0.131	---	---	3
4	---	---	---	2.03 A	0.488	0.076	0.008	0.024	0.045	0.120	---	---	4
5	---	---	---	---	0.408	0.073	0.039	0.027	0.041	0.113	---	---	5
6	---	---	---	---	0.317	0.083	0.048	0.038	0.038	0.108	---	---	6
7	---	---	---	---	0.248	0.138	0.030	0.054	0.033	0.088	---	---	7
8	---	---	---	---	0.223	0.130	0.011	0.238	0.0028	0.102	---	---	8
9	---	---	---	---	0.201	0.094	0.010	0.310	0.0028	0.092	---	---	9
10	---	---	---	1.68 A	0.188	0.085	0.011	0.184	0.0028	0.087	---	---	10
11	---	---	---	---	0.188	0.037	0.020	0.038	0.003	0.103	---	---	11
12	---	---	---	1.83 A	0.158	0.028	0.051	0.013	0.028	0.098	---	---	12
13	---	---	0.0418	---	0.160	0.088	0.131	0.0028	0.188	0.077	---	---	13
14	---	---	---	---	0.128	0.082	0.111	0.008	0.511	0.071	---	---	14
15	---	---	---	---	0.130	0.080	0.084	0.080	0.323	0.078	---	---	15
16	---	---	---	1.08 E	0.111	0.038	0.073	0.075	0.181	0.088	---	---	16
17	---	---	---	0.777	0.104	0.018	0.063	0.058	0.084	0.111	---	---	17
18	---	---	---	0.883	0.030	0.008	0.071	0.020	0.075	0.101	---	---	18
19	---	---	1.13 B	0.546	0.024	0.003	0.103	0.009	0.071	0.087	---	---	19
20	---	---	1.52 B	0.434	0.028	0.005	0.102	0.041	0.088	0.091	---	---	20
21	---	---	---	0.112	0.028	0.013	0.105	0.083	0.085	0.080	---	---	21
22	---	---	0.8938	0.241	0.026	0.039	0.085	0.102	0.082	0.088	---	---	22
23	---	---	---	0.282	0.026	0.074	0.071	0.082	0.121	0.087	---	---	23
24	---	---	---	0.708	0.018	0.168	0.084	0.058	0.139	0.072	---	---	24
25	---	---	0.488A	1.38	0.088	0.313	0.070	0.033	0.188	0.074	---	---	25
26	---	---	---	1.32	0.130	0.218	0.083	0.018	0.170	0.083	---	---	26
27	---	---	---	1.31	0.133	0.130	0.018	0.013	0.181	0.087	---	---	27
28	---	---	---	1.38	0.107	0.088	0.0088	0.018	0.228	0.073	---	---	28
29	---		0.1988A	1.08	0.107	0.038	0.0018	0.033	0.188	0.087	---	---	29
30	---		---	0.867	0.181	0.038	0.0028	0.034	0.183	0.0748A	---	---	30
31	---		---		0.138		0.084	0.033		0.0878E		---	31
TOTAL	---	---	---	---	6.813	3.303	1.572	1.784	3.303	3.883	---	---	TOTAL
MEAN	---	---	---	---	0.191	0.077	0.051	0.057	0.110	0.083	---	---	MEAN
MAX	---	---	---	---	0.898	0.313	0.131	0.310	0.511	0.148	---	---	MAX
MIN	---	---	---	---	0.018	0.003	0.001	0.003	0.003	0.083	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.03A ON APR 4

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 53 06 N
LONG 113 57 27 W
DRAINAGE AREA, 87.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	136
FEB	---	AUG	152
MAR	---	SEP	286
APR	---	OCT	349
MAY	811	NOV	---
JUN	199	DEC	---

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

MUSKEG RIVER NEAR FORT MACKAY - STATION NO. 07DA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2650	0.2120	0.2100	0.3280	21.7	7.70	3.50	0.775	0.703	1.98	3.39	0.4900	1
2	0.2600	0.2120	0.2100	0.3520	23.0	7.30	3.24	0.703	0.724	1.89	3.18 A	0.4700	2
3	0.2560	0.2110	0.2110	0.4050	23.6	6.89	2.96	0.654	0.696	1.98	2.88 E	0.4550	3
4	0.2520	0.2110	0.2110	2.06 E	24.3	6.21	2.76	0.606	0.676	1.96	2.66 E	0.4400	4
5	0.2460	0.2100	0.2120	2.10 E	26.7	5.85	2.64	0.568	0.697	1.96	2.46 E	0.4250	5
6	0.2460	0.2100	0.2130	2.06 E	42.0	5.49	2.36	0.528	0.748	2.25	2.25 E	0.4150	6
7	0.2430	0.2100	0.2130	2.00 E	55.3	6.62	2.14	0.491	0.773	2.30	2.10 E	0.4000	7
8	0.2300	0.2100	0.2130	1.96 E	64.3	7.94	1.85	0.461	0.773	2.42	1.95 E	0.3950	8
9	0.2270	0.2100	0.2140	2.10 E	66.1	7.06	1.62	0.426	0.762	2.37	1.84 E	0.3850	9
10	0.2340	0.2100	0.2140	2.00 E	62.5	6.44	1.42	0.399	0.743	2.42	1.70 E	0.3798	10
11	0.2310	0.2100	0.2150	2.30 E	55.6	5.52	1.26	0.388	0.740	2.95	1.60 E	0.3688	11
12	0.2290	0.2100	0.2150	4.80 E	49.4	4.30	1.15	0.369	0.724	2.78	1.50 E	0.3600	12
13	0.2270	0.2100	0.2150	4.80 E	43.5	5.69	1.12	0.340	0.710	2.83	1.42 E	0.3550	13
14	0.2260	0.2100	0.2150	4.90 E	38.7	5.26	1.12	0.323	0.687	2.85	1.34 E	0.3500	14
15	0.2250	0.2100	0.2150	5.50 E	34.6	4.93	1.04	0.302	0.678	2.76	1.27 E	0.3488	15
16	0.2240	0.2100	0.2170	5.00 E	31.2	4.67	0.972	0.277	0.707	2.71	1.20 E	0.3448	16
17	0.2230	0.2100	0.2190	5.60 E	28.2	4.63	0.937	0.264	0.833	2.72	1.06 E	0.3408	17
18	0.2220	0.2100	0.2200	7.90 E	25.2	4.66	0.880	0.239	1.21	2.65	0.9908	0.3370	18
19	0.2210	0.2100	0.2220	5.20 E	22.6	4.15	0.845	0.214	1.30	2.96	0.9108	0.3328	19
20	0.2200	0.2100	0.2250	5.40 E	21.1	3.88	0.855	0.254	1.20	2.96	0.8708	0.3288	20
21	0.2190	0.2100	0.2280	4.90 E	19.2	3.71	0.830	0.262	1.23	2.97	0.7958	0.3248	21
22	0.2190	0.2100	0.2310	4.55 E	17.2	3.53	0.807	0.255	1.50	2.94	0.7508	0.3248	22
23	0.2180	0.2100	0.2340	4.40 E	15.5	3.39	0.808	0.284	1.05	2.95	0.7008	0.3228	23
24	0.2160	0.2100	0.2360	4.90 E	14.0	3.37	0.809	0.347	1.69	3.27	0.6608	0.3208	24
25	0.2170	0.2100	0.2430	5.20 E	12.8	3.78	0.779	0.423	1.77	2.95	0.6308	0.3188	25
26	0.2170	0.2100	0.2490	5.00 E	11.6	4.58	0.768	0.492	1.80	3.65	0.6008	0.3148	26
27	0.2160	0.2100	0.2560	12.0 E	10.4	4.78	0.805	0.515	1.85	3.65	0.5708	0.3128	27
28	0.2150	0.2100	0.2660	15.4	9.49	4.54	1.11	0.484	1.86	3.22	0.5508	0.3108	28
29	0.2140		0.2760	17.7	8.68	4.31	1.11	0.437	1.86	2.94	0.5258	0.3068	29
30	0.2140		0.2900	19.8	8.36	3.88	0.967	0.426	1.90	5.29	0.5058	0.3048	30
31	0.2130		0.3050		8.05		0.877	0.517		4.05		0.3028	31
TOTAL	7.108	5.885	7.122	172.035	698.10	158.95	44.558	13.175	33.385	88.97	42.885	11.178	TOTAL
MEAN	0.229	0.210	0.230	5.75	20.0	5.30	1.44	0.425	1.11	2.88	1.43	0.361	MEAN
MAX	0.265	0.212	0.305	19.8	66.1	7.94	3.50	0.775	1.90	5.29	3.39	0.490	MAX
MIN	0.213	0.210	0.210	0.328	8.05	3.37	0.766	0.214	0.676	1.96	0.606	0.302	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.06
MAXIMUM DAILY, 66.1 ON MAY 9
MINIMUM DAILY, 0.2100 ON FEB 5
MAXIMUM INSTANTANEOUS,
66.4 AT 12:34 MST ON MAY 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 11 30 N
LONG 111 34 05 W
DRAINAGE AREA, 1 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	614	JUL	3 850
FEB	508	AUG	1 140
MAR	615	SEP	2 880
APR	14 900	OCT	7 650
MAY	77 800	NOV	3 700
JUN	13 700	DEC	966

TOTAL DISCHARGE, 126 000 dam³

MUSKEG RIVER NEAR GRANDE CACHE - STATION NO. 07GA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.520	1.08 B	0.4700	0.8300	4.30E	11.4	14.9 E	2.97	3.51	13.1	3.478	3.420	1
2	1.600	1.00 B	0.4500	1.00 B	4.50E	11.1	13.9 E	2.71	3.90	11.6	3.008	3.358	2
3	1.650	0.9508	0.4308	1.10 B	4.80E	10.9	12.9 E	2.64	3.57	10.9	3.638	3.208	3
4	1.648	0.7308	0.4208	1.30 B	5.00E	10.3	12.0 E	3.05	3.89	9.94	3.208	3.158	4
5	1.700	0.6908	0.4108	1.50 B	5.20E	9.85	11.2 E	3.06	4.41	9.32	1.778	3.308	5
6	1.588	0.6008	0.4008	1.40 B	5.00E	9.44	10.4 E	2.84	5.66	8.05	2.028	3.258	6
7	1.558	0.5208	0.4108	2.10 B	5.70E	8.75	9.60E	2.83	5.49	8.74	2.268	3.208	7
8	1.508	0.5008	0.4208	2.40 B	5.68A	8.15A	8.90E	3.53	5.03	7.47	2.458	3.138	8
9	1.548	0.4808	0.4308	2.70 B	5.46	8.50E	8.20E	3.60	5.01	8.33	2.208	3.038	9
10	1.488	0.4508	0.4508	3.10 B	6.71	7.80E	7.70E	3.51	5.31	8.13	2.228	1.988	10
11	1.488	0.4408	0.4808	3.00 B	6.58	7.20E	7.10E	3.31	5.87	8.19	1.888	1.958	11
12	1.388	0.4208	0.5208	2.69	6.04	6.83A	6.60E	3.59	7.25	7.90	2.578	1.938	12
13	1.328	0.4308	0.5708	4.57	5.49	7.00E	6.10E	4.35	17.8	7.87	3.608	1.848	13
14	1.308	0.4308	0.5908	4.24	5.07	7.20E	5.70E	4.39	21.2	7.83	2.848	1.988	14
15	1.258	0.4308	0.6008	3.14	5.16	7.40E	5.15E	7.85	17.8	8.09	2.138	1.968	15
16	1.188	0.4308	0.6508	3.21 A	5.56	6.80E	5.23E	9.85	15.0	8.19	1.818	2.058	16
17	1.108	0.4508	0.6808	3.48 E	7.86	6.00E	5.09A	8.67	14.6	7.81	1.688	2.108	17
18	1.078	0.4608	0.7008	3.75 E	10.0	6.00E	5.32	7.56	14.6	7.47	1.738	2.508	18
19	1.088	0.5008	0.7208	3.00 E	11.2	6.65E	5.13	8.81	13.8	7.17	2.328	2.958	19
20	1.058	0.5508	0.7208	3.30 E	11.6	5.30E	4.88	7.36	13.2	7.18	2.388	3.388	20
21	1.048	0.6008	0.7008	3.60 E	11.2	4.80E	4.22	6.46	13.6	7.01	2.378	3.458	21
22	1.048	0.6708	0.6808	3.80 E	11.4	4.80E	3.98	7.56	14.2	6.91	2.458	3.608	22
23	1.078	0.7008	0.6408	3.90 E	11.6	4.28E	3.91	8.67	13.1	6.82	2.488	3.508	23
24	1.108	0.7008	0.6008	3.95 E	11.2	3.80E	3.66	8.80	13.1	6.159	2.428	3.438	24
25	1.188	0.6908	0.5908	3.87 E	11.8	4.28E	3.58	8.31	13.7	5.858	2.368	3.268	25
26	1.188	0.6638	0.5708	3.98 E	13.6	4.80E	3.30	6.86	15.2	4.898	2.348	3.008	26
27	1.248	0.6508	0.5508	3.98 E	12.5	4.98E	3.14	6.53	16.5	5.488	1.778	2.808	27
28	1.288	0.6308	0.5188	4.00 E	12.2	5.35E	3.03	6.22	14.5	5.258	1.888	2.558	28
29	1.288		0.5708	4.05 E	13.5	5.00E	2.91	5.96	13.5	4.318	1.888	3.258	29
30	1.228		0.6408	4.17 E	13.7	10.3 E	2.78	5.77	13.7	4.388	2.108	3.108	30
31	1.108		0.7308		12.8		2.88	5.82		4.018		1.958	31
TOTAL	40.90	18.483	17.319	88.590	287.31	224.67	203.03	183.47	329.40	233.33	97.67	78.80	TOTAL
MEAN	1.32	0.662	0.559	2.85	9.92	7.50	6.55	6.05	10.9	7.53	3.39	3.47	MEAN
MAX	1.70	1.08	0.730	4.57	13.7	10.3	14.9	9.85	21.2	13.1	3.67	3.80	MAX
MIN	1.04	0.430	0.400	0.830	4.30	3.80	2.88	2.97	3.90	4.01	1.88	1.93	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.70
MAXIMUM DAILY, 21.2 ON SEP 14
MINIMUM DAILY, 0.4000 ON MAR 6
MAXIMUM INSTANTANEOUS,
22.4 AT 22:06 MST ON SEP 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 55 33 N
LONG 119 46 52 W
DRAINAGE AREA, 709 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 530	JUL	17 500
FEB	1 430	AUG	13 300
MAR	1 500	SEP	26 200
APR	7 650	OCT	20 200
MAY	23 100	NOV	6 850
JUN	19 400	DEC	6 820

TOTAL DISCHARGE, 148 000 dam³

NAMEPI CREEK NEAR THE MOUTH - STATION NO. 05EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0010	6.76 B	0.779	0.039	0.301	0.054	0.001E	E.015	E.0218	---	1
2	---	---	0.0010	10.5 B	0.554	0.018	0.250	0.043	0.001E	E.015	E.0188	---	2
3	---	---	0.0010	9.41 B	0.419	0.004	0.201	0.030	0.001E	E.028	E.0158	---	3
4	---	---	0.0010	7.46 B	0.361	0.001E	0.183	0.022	0.001E	E.014	E.0148	---	4
5	---	---	0.0010	6.27 B	0.284	0.001E	0.142	0.027	0.001E	E.003	E.0138	---	5
6	---	---	0.0020	4.36 B	0.252	0.001E	0.083	0.011	0.001E	0.086	E.0078	---	6
7	---	---	0.0020	3.84	0.188	0.002	0.029	0	0.001E	0.047	---	---	7
8	---	---	0.0020	3.00	0.143	0.026	0.029	0.027	0.001E	0.060	---	---	8
9	---	---	0.0020	3.44	0.098	0.016	0.021	0.057	0.001E	0.033	---	---	9
10	---	---	0.0030	3.11	0.107	0.005	0.013	0.040	0.001E	0.039	---	---	10
11	---	---	0.0030	1.75	0.153	0.005	0.018	0.033	0.001E	0.027	---	---	11
12	---	---	0.0040	1.43	0.080	0.001E	0.010	0.027	0.001E	0.021	---	---	12
13	---	---	0.0050	1.16	0.026	0.003	0.016	0.031	0.001E	0.019	---	---	13
14	---	---	0.0050	0.956	0.012	0.014	0.024	0.029	0.001E	0.019	---	---	14
15	---	---	0.0050	0.881	0.055	0.026	0.038	0.029	0.001E	0.026	---	---	15
16	---	---	0.0070	0.744	0.054	0.032	0.038	0.023	0.001E	0.027	---	---	16
17	---	---	0.0080	0.622	0.078	0.018	0.044	0.018	0.001E	0.024	---	---	17
18	---	---	0.0080	0.532	0.061	0.035	0.052	0.006	0.001E	0.022	---	---	18
19	---	---	0.0100	0.474	0.086	0.014	0.058	0.001E	0.001E	0.022	---	---	19
20	---	---	0.0130	0.468	0.102	0.015	0.058	0.001E	0.005	0.0318	---	---	20
21	---	---	0.0180	0.379	0.115	0.015	0.038	0.001E	0.017	0.0248	---	---	21
22	---	---	0.0208	0.353	0.093	0.032	0.031	0.001E	0.007	0.0278	---	---	22
23	---	---	0.0258	0.194	0.072	0.027	0.035	0.001E	0.005	0.0308	---	---	23
24	---	---	0.0308	0.272	0.083	0.073	0.084	0.001E	0.007	0.0248	---	---	24
25	---	---	0.0508	0.517	0.071	0.094	0.085	0.001E	0.006	0.0358	---	---	25
26	---	---	0.1008	1.20	0.054	0.052	0.078	0.001E	0.019	0.0248	---	---	26
27	---	0.0018	0.2508	1.44	0.060	0.370	0.072	0.001E	0.020	0.0238	---	---	27
28	---	0.0018	0.4338	1.43	0.037	0.857	0.071	0.001E	0.022	0.0228	---	---	28
29	---		0.6118	1.20	0.034	0.489	0.087	0.001E	0.026	0.0188	---	---	29
30	---		1.38 E	1.01	0.024	0.385	0.088	0.001E	0.028	0.0208	---	---	30
31	---		3.27 B		0.041		0.051	0.001E		0.0218		---	31
TOTAL	---	---	6.280	72.942	4.908	2.400	3.310	0.929	0.183	E.709	---	---	TOTAL
MEAN	---	---	0.203	2.43	0.145	0.080	0.075	0.017	0.006	0.025	---	---	MEAN
MAX	---	---	3.27	10.5	0.779	0.857	0.301	0.057	0.028	0.060	---	---	MAX
MIN	---	---	0.001	0.194	0.012	0.001	0.010	0	0.001	0.003	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.307
MAXIMUM DAILY, 10.88 ON APR 2
MINIMUM DAILY, 0 ON AUG 7
MAXIMUM INSTANTANEOUS,
12.78 AT 16:30 MST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 50 N
LONG 112 51 35 W
DRAINAGE AREA, 720 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	200
FEB	---	AUG	65.7
MAR	543	SEP	15.8
APR	5 300	OCT	68.4
MAY	330	NOV	---
JUN	207	DEC	---

TOTAL DISCHARGE, 7 770 dam³

NEW WEST COULEE NEAR THE MOUTH - STATION NO. 05BN006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	E.4150	0.310	0.026	2.30	4.26	3.30	1.25	1.07	0.0800	---	1
2	---	---	0.3000	0.310	0.018	2.71	3.97	3.27	0.9260	2.39	0.0609	---	2
3	---	---	E.2000	0.286	0.004	2.65	3.72	3.26	0.6980	2.44	0.013	---	3
4	---	---	E.1500	0.271	0.036	2.56	3.48	1.97	0.7240	2.61	0.010A	---	4
5	---	---	0.1400	0.127	0.021	2.62	3.49	3.16	0.6702	2.09	---	---	5
6	---	---	0.1300	0.083	0.019	2.64	3.40	2.16	0.6662	2.70	---	---	6
7	---	---	0.1300	0.047	0.023	2.80	3.84	2.08	0.6302	2.50 B	---	---	7
8	---	---	0.1400	0.030	0.010	2.90	3.19	2.10	0.6642	2.00 B	---	---	8
9	---	---	0.1700	0.040	0.017	4.00	2.84	2.38	0.6012	2.04 B	---	---	9
10	---	---	0.2000	0.041	0.007	4.31	2.81	1.88	0.5614	1.83	---	---	10
11	---	---	0.2120	0.030	0.004	3.68	2.82	1.56	0.527	1.68	---	---	11
12	---	---	0.1900	0.034	0.008	3.95	3.73	1.84	0.593	1.60	---	---	12
13	---	---	0.2020	0.032	0.008	3.78	3.01	1.57	0.980	1.97	---	---	13
14	---	---	0.1870	0.056	0.007	3.68	3.47	2.86	0.671	1.52	---	---	14
15	---	---	0.2050	0.069	0.003	3.52	3.81	2.77	0.587	0.914	---	---	15
16	---	---	0.2050	0.013	0.002	3.62	3.58	2.86	0.549	1.53	---	---	16
17	---	---	0.224	0.014	0.001	3.88	4.46	1.70	0.477	1.46	---	---	17
18	---	---	0.246	0.013	0	3.38	3.62	1.62	0.396	1.42	---	---	18
19	---	---	0.406	0.014	0.058	3.48	3.58	1.60	0.433	1.41	---	---	19
20	---	---	0.394	0.046	0.133	3.66	3.78	2.66	0.404	0.262	---	---	20
21	---	---	0.409	0.046	0.643	3.96	4.13	3.13	0.436	0.564	---	---	21
22	---	---	0.202	0.063	0.938	4.01	4.36	3.07	0.489	1.49	---	---	22
23	---	---	0.111	0.046	1.10	4.27	3.74	2.82	0.489	1.10	---	---	23
24	---	---	0.089	0.033	1.50	3.82	3.88	2.47	0.513	0.2708	---	---	24
25	---	0.3868	0.079	0.124	1.62	3.61	3.81	2.39	0.511	0.2708	---	---	25
26	---	0.4178	0.070	0.317	1.55	3.68	3.58	2.31	0.519	0.2708	---	---	26
27	---	0.5778	0.053	0.158	1.30	3.43	3.43	2.46	0.532	0.270	---	---	27
28	---	0.9778	0.048	0.078	1.07	3.35	3.71	2.57	0.580	0.2708	---	---	28
29	---		0.060	0.048	2.13	3.45	3.90	2.75	0.931	0.2388	---	---	29
30	---		E.265	0.044	2.10	4.25	3.53	2.67	0.643	0.1658	---	---	30
31	---		0.173		2.17		3.99	1.50		0.1958		---	31
TOTAL	---	---	6.335	2.705	10.391	105.61	110.24	71.63	19.421	49.488	---	---	TOTAL
MEAN	---	---	E.204	0.092	0.583	3.62	3.88	2.32	0.647	1.31	---	---	MEAN
MAX	---	---	0.415	0.318	3.10	4.31	4.46	3.30	1.25	2.70	---	---	MAX
MIN	---	---	0.048	0.013	0	3.30	3.72	1.50	0.396	0.195	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.54
MAXIMUM DAILY, 6.46 ON JUL 17
MINIMUM DAILY, 0 ON MAY 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 00 N
LONG 113 09 15 W
DRAINAGE AREA, 312 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9 590
FEB	---	AUG	6 210
MAR	949	SEP	1 660
APR	361	OCT	3 040
MAY	1 990	NOV	---
JUN	9 389	DEC	---

TOTAL DISCHARGE, 33 790 dam³

NINE MILE COULEE NEAR LETHBRIDGE - STATION NO. 05AE042

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.003	0.006	0.151	0.188	0.181	0.035	0.234	---	---	1
2	---	---	---	0.002	0.005	0.141	0.188	0.102	0.053	0.212	---	---	2
3	---	---	---	0.002	0.004	0.243	0.191	0.181	0.050	0.203	---	---	3
4	---	---	---	0.002	0.003	0.273	0.184	0.315	0.085	0.178	---	---	4
5	---	---	---	0.002	0.001	0.226	0.098	0.310	0.044	0.142	---	---	5
6	---	---	---	0.003	0	0.203	0.087	0.241	0.079	0.170	---	---	6
7	---	---	---	0.003	0	0.185	0.190	0.189	0.101	0.188A	---	---	7
8	---	---	---	0.003	0	0.251	0.277	0.053E	0.114	0.175	---	---	8
9	---	---	---	0.003	0	0.189	0.374	0.047E	0.123	0.134A	---	---	9
10	---	---	---	0.003	0	0.297	0.350	0.044E	0.135	0.054A	---	---	10
11	---	---	---	0.003	0	0.271	0.323	0.036E	0.080	0.069	---	---	11
12	---	---	---	0.003	0	0.322	0.264	0.036E	0.057	0.093	---	---	12
13	---	---	---	0.003	0	0.214	0.353	0.036E	0.411	0.084	---	---	13
14	---	---	---	0.003	0	0.110A	0.277	0.047E	0.181A	0.053	---	---	14
15	---	---	---	0.003	0	0.333	0.269	0.155A	0.134E	0.052	---	---	15
16	---	---	---	0.003	0	0.189	0.229	0.112	0.109E	0.084	---	---	16
17	---	---	---	0.003	0	0.304	0.178	0.115	0.105E	0.052	---	---	17
18	---	---	---	0.003	0	0.253A	0.176	0.101	0.110E	0.050	---	---	18
19	---	---	---	0.003	0	0.253A	0.187	0.087	0.114E	0.049	---	---	19
20	---	---	---	0.004	0	0.234	0.230	0.089	0.118E	0.050	---	---	20
21	---	---	---	0.006	0.093	0.103E	0.210	0.168	0.112E	0.051	---	---	21
22	---	---	---	0.005	0.142	0.177A	0.310	0.095A	0.141A	0.055	---	---	22
23	---	---	---	0.005	0.133	0.268	0.137	0.048E	0.126E	0.043	---	---	23
24	---	---	---	0.004	0.252	0.301	0.139	0.037E	0.127E	0.039	---	---	24
25	---	---	---	0.011	0.347	0.370	0.180	0.032E	0.120A	0.038	---	---	25
26	---	---	---	0.017	0.183	0.231	0.254	0.036A	0.112E	0.037	---	---	26
27	---	---	---	0.013	0.238	0.236	0.276	0.039	0.126A	0.231	---	---	27
28	---	---	---	0.010	0.193	0.211	0.305	0.043	0.180	0.265A	---	---	28
29	---		0.0038	0.006	0.362	0.268	0.374	0.044	0.278	0.237E	---	---	29
30	---		0 S	0.006	0.085	0.251	0.370	0.039	0.264	0.207E	---	---	30
31	---		0.0018		0.089		0.306	0.040		0.178E		---	31
TOTAL	---	---	---	0.143	2.113	6.937	7.336	3.065	4.634	3.611	---	---	TOTAL
MEAN	---	---	---	0.005	0.068	0.231	0.237	0.100	0.154	0.116	---	---	MEAN
MAX	---	---	---	0.017	0.362	0.370	0.370	0.315	0.467	0.265	---	---	MAX
MIN	---	---	---	0.002	0	0.103	0.087	0.032	0.035	0.037	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.130
MAXIMUM DAILY, 0.467 ON SEP 12
MINIMUM DAILY, 0 ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 19 N
LONG 112 47 06 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	634
FEB	---	AUG	287
MAR	---	SEP	400
APR	12.4	OCT	312
MAY	183	NOV	---
JUN	599	DEC	---

TOTAL DISCHARGE, 2 410 dam³

NORDEGG RIVER AT SUNCHILD ROAD - STATION NO. 05DD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5510	0.5000	0.7500	0.9550	3.62	5.38E	3.84	1.70	4.04	7.75	3.288	2.048	1
2	0.5510	0.5400	0.7100	1.15A B	4.18	5.01E	3.62	1.69	3.87	7.57	3.088	2.048	2
3	0.5510	0.5100	0.6900	1.33 B	5.14	7.63E	3.34	1.72	3.89	7.31	2.900	2.048	3
4	0.5500	0.5000	0.6700	2.10 B	6.43	7.38E	3.00	1.83	3.87	7.13	2.628	2.048	4
5	0.5500	0.5000	0.6500	3.00 B	6.76	6.65E	2.76	1.90	3.89	6.76	2.788	2.048	5
6	0.5500	0.5000	0.6500	2.80 B	5.47	5.80E	2.58	1.87	4.25	6.55	2.718	2.048	6
7	0.5500	0.5000	0.6700	2.31 B	5.08	6.13E	2.36	1.95	5.31	6.48	2.678	2.048	7
8	0.5500	0.5000	0.6500	2.08 B	4.85	5.75E	2.17	2.33	6.02	6.33	2.658	2.048	8
9	0.5500	0.5000	0.7000	2.51 B	4.46	5.36E	2.07	3.60	5.81	5.95	2.628	2.048	9
10	0.5500	0.5000	0.7200	2.81 B	4.29	5.00E	2.00	5.08	5.89	5.62	2.618	2.048	10
11	0.5500	0.5000	0.7500	2.72 B	3.98	5.00E	1.92	4.66	5.60	5.97	2.598	2.048	11
12	0.5500	0.5200	0.7800	2.90 B	3.78	4.24A	1.81	4.68	5.17	6.01	2.578	2.048	12
13	0.5475	0.5400	0.8100	3.15 B	3.60	4.12	1.81	5.19	42.6	6.06	2.568	2.048	13
14	0.5500	0.5850	0.8400	3.55 B	3.33	3.95	1.85	5.85	43.7	6.00	2.538	2.048	14
15	0.5500	0.5900	0.8500	4.00 B	3.13	3.80	1.88	6.36	27.1	6.05	2.518	2.048	15
16	0.5540	0.6150	0.8200	3.80 B	2.87	3.65	1.86	11.3	20.5	6.74	2.508	2.058	16
17	0.5520	0.6350	0.8500	3.65 B	2.84	3.35	1.87	10.6	16.6	6.99	2.458	2.068	17
18	0.5520	0.6500	1.00 B	3.55 B	2.83	3.13	1.87	8.15	14.2	6.91	2.378	2.078	18
19	0.5510	0.6520	1.03 B	3.45 B	2.80	2.99	1.88	8.48	12.7	6.46	2.288	2.088	19
20	0.5500	0.6320	1.04 B	3.40 B	2.78	2.89	1.88	8.10	11.8	6.16	2.188	2.100	20
21	0.5700	0.5860	1.04 B	4.23 B	2.78	2.81	1.82	7.80	11.1	6.04	2.148	2.118	21
22	0.5760	0.5870	1.06 B	3.80 B	2.74	3.38	1.83	8.12	10.6	5.88	2.068	2.118	22
23	0.5770	0.6060	1.10 B	3.35	2.73	3.38	1.88	8.40	10.4	5.82	2.568	2.108	23
24	0.5760	0.5810	1.03 B	3.40	2.77	3.08	2.03	8.84	8.81	5.32	2.068	2.088	24
25	0.5740	0.5810	0.8730	3.88	3.83	8.37	2.18	8.89	10.2	5.03	2.048	2.088	25
26	0.5720	0.5160	0.8460	3.55	7.83	8.66	2.13	8.36	9.83	4.788	2.048	2.028	26
27	0.5700	0.7520	0.8960	3.55	9.82	8.62	1.88	8.00	9.82	4.568	2.048	1.978	27
28	0.5660	0.7850	0.7810	3.85	8.46	8.58	1.88	8.86	9.06	4.288	2.048	1.928	28
29	0.5610		0.7140	3.82	8.05	4.66	1.81	8.43	8.40	4.028	2.048	1.858	29
30	0.5100		0.7410	3.40	9.00	4.38	1.87	8.22	8.06	3.788	2.048	1.788	30
31	0.7000		0.7730		8.75		1.71	8.13		3.608		1.708	31
TOTAL	27.107	16.183	25.885	90.618	152.35	154.89	67.31	181.71	350.19	183.77	73.20	62.87	TOTAL
MEAN	0.874	0.578	0.835	3.02	4.88	5.16	2.17	8.22	11.7	5.83	2.44	2.02	MEAN
MAX	0.881	0.785	1.10	4.23	9.82	8.58	2.84	11.3	43.7	7.75	3.28	2.11	MAX
MIN	0.700	0.500	0.650	0.955	2.73	3.80	1.81	1.69	3.89	3.60	2.04	1.70	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.76
MAXIMUM DAILY, 43.7 ON SEP 14
MINIMUM DAILY, 0.5000 ON FEB 6
MAXIMUM INSTANTANEOUS,
61.8 AT 20:10 MST ON SEP 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 49 13 N
LONG 115 31 10 W
DRAINAGE AREA, 975 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 360	JUL	5 820
FEB	1 400	AUG	14 000
MAR	3 250	SEP	30 300
APR	7 680	OCT	15 600
MAY	13 200	NOV	6 330
JUN	13 400	DEC	5 410

TOTAL DISCHARGE, 118 000 dam³

NORTH FORK MILK RIVER ABOVE ST. MARY CANAL - STATION NO. 11AA032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2278	0.4258	0.425	0.481	0.153	0.110	0.150	0.258	---	---	1
2	---	---	0.2278	0.4538	0.425	0.398	0.150	0.110	0.150	0.238	---	---	2
3	---	---	0.2278	0.4818	0.425	0.340	0.133	0.110	0.187	0.278	---	---	3
4	---	---	0.2278	0.4258	0.425	0.311	0.127	0.110	0.184	0.311	---	---	4
5	---	---	0.2278	0.3968	0.396	0.311	0.119	0.110	0.184	0.289	---	---	5
6	---	---	0.2278	0.425	0.340	0.289	0.113	0.110	0.278	0.311	---	---	6
7	---	---	0.2278	0.396	0.340	0.255	0.110	0.110	0.278	0.368	---	---	7
8	---	---	0.2278	0.396	0.340	0.289	0.110	0.110	0.289	0.311	---	---	8
9	---	---	0.2278	0.481	0.340	0.289	0.110	0.127	0.311	0.311	---	---	9
10	---	---	0.2278	0.595	0.340	0.249	0.110	0.133	0.368	0.311	---	---	10
11	---	---	0.2278	0.651	0.311	0.249	0.093	0.176	0.278	0.425	---	---	11
12	---	---	0.2278	0.623	0.311	0.328	0.093	0.213	0.738	0.425	---	---	12
13	---	---	0.2838	0.623	0.311	0.212	0.103	0.289	0.481	0.368	---	---	13
14	---	---	0.4258	0.623	0.283	0.201	0.119	0.213	0.311	0.311	---	---	14
15	---	---	0.5668	0.538	0.283	0.201	0.110	0.193	0.249	0.311	---	---	15
16	---	---	0.6508	0.453	0.283	0.190	0.102	0.368	0.229	0.308	---	---	16
17	---	---	1.13 B	0.453	0.283	0.184	0.110	0.238	0.321	0.368	---	---	17
18	---	---	1.70 B	0.453	0.278	0.178	0.127	0.184	0.283	0.311	---	---	18
19	---	---	0.6508	0.453	0.278	0.178	0.122	0.159	0.368	0.311	---	---	19
20	---	---	0.4258	0.453	0.278	0.201	0.127	0.159	0.311	0.283	---	---	20
21	---	---	0.3408	0.396	0.283	0.368	0.110	0.193	0.289	0.283	---	---	21
22	---	---	0.3118	0.340	0.071	0.249	0.102	0.212	0.278	0.283	---	---	22
23	---	---	0.2838	0.340	0.210	0.198	0.110	0.176	0.283	0.278	---	---	23
24	---	---	0.3118	0.340	0.258	0.187	0.119	0.180	0.278	0.278	---	---	24
25	---	---	0.3408	0.396	0.368	0.187	0.119	0.142	0.258	0.278	---	---	25
26	---	---	0.3688	0.396	0.368	0.193	0.116	0.127	0.258	0.278	---	---	26
27	---	---	0.3688	0.368	0.368	0.176	0.110	0.133	0.396	0.278	---	---	27
28	---	---	0.3688	0.396	0.311	0.176	0.110	0.142	0.311	0.289	---	---	28
29	---		0.3688	0.453	0.340	0.187	0.110	0.187	0.278	0.289	---	---	29
30	---		0.3688	0.425	1.98	0.158	0.119	0.159	0.289	0.289A	---	---	30
31	---		0.3968		0.736		0.119	0.142		0.289E		---	31
TOTAL	---	---	13.774	13.615	11.986	7.189	3.608	5.071	8.884	9.479	---	---	TOTAL
MEAN	---	---	0.412	0.454	0.387	0.240	0.116	0.164	0.289	0.308	---	---	MEAN
MAX	---	---	1.70	0.651	1.98	0.481	0.159	0.368	0.738	0.425	---	---	MAX
MIN	---	---	0.227	0.340	0.071	0.158	0.093	0.110	0.150	0.238	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.278
MAXIMUM DAILY, 1.98 ON MAY 30
MINIMUM DAILY, 0.071 ON MAY 22
MAXIMUM INSTANTANEOUS,
3.60 AT 13:00 MST ON MAY 30

SUMMARY FOR THE MONTHS APR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 15 N
LONG 113 03 19 W
DRAINAGE AREA, 195 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	312
FEB	---	AUG	436
MAR	1 100	SEP	750
APR	1 150	OCT	819
MAY	1 040	NOV	---
JUN	621	DEC	---

TOTAL DISCHARGE, 5 180 dam³

NORTH MILK RIVER NEAR INTERNATIONAL BOUNDARY - STATION NO. 11AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2808	8.008	15.7	20.4	18.0	17.5	15.6	0.454	---	---	1
2	---	---	0.2418	10.9 B	13.5	20.5	15.1	17.5	15.7	0.328	---	---	2
3	---	---	0.2318	11.1	13.9	20.3	15.1	17.5	15.6	0.519	---	---	3
4	---	---	0.2338	13.1	15.7	20.3	15.2	17.7	12.7	0.389	---	---	4
5	---	---	0.2248	13.5	18.2	20.3	15.1	17.4	10.4	0.350	---	---	5
6	---	---	0.2188	15.1	15.5	20.0	13.4	17.5	10.5	0.353	---	---	6
7	---	---	0.2108	15.9	15.6	20.0	6.97	17.5	10.4	0.3685	---	---	7
8	---	---	0.2058	15.7	20.4	19.6	5.14	17.5	10.3	0.4505	---	---	8
9	---	---	0.2008	17.1	20.5	19.1	1.94	17.5	8.05	0.5065	---	---	9
10	---	---	0.1905	17.3	20.9	19.2	0.882	17.4	7.75	0.3885	---	---	10
11	---	---	0.1705	17.4	21.2	19.5	0.882	17.7	8.20	0.7105	---	---	11
12	---	---	0.1455	17.2	21.0	19.9	5.30	17.9	15.5	0.887	---	---	12
13	---	---	0.2009	17.5	21.1	19.0	11.8	17.9	14.4	0.538	---	---	13
14	---	---	0.2618	17.5	20.9	19.2	16.3	17.7	12.7	0.412	---	---	14
15	---	---	1.50 B	18.0	20.7	19.4	18.5	18.1	10.4	0.403	---	---	15
16	---	---	2.30 B	18.5	20.7	19.1	19.0	18.2	17.8	0.485	---	---	16
17	---	---	3.13 B	18.5	20.7	19.1	18.3	17.7	17.8	0.477	---	---	17
18	---	---	3.25 B	18.9	20.7	19.1	17.6	17.6	18.2	0.412	---	---	18
19	---	---	2.53 B	18.9	20.7	19.2	17.2	17.5	18.1	0.358	---	---	19
20	---	---	1.21 B	18.5	20.6	19.2	17.2	17.5	18.1	0.328	---	---	20
21	---	---	0.8885	18.6	21.1	19.7	17.2	18.0	17.7	0.314	---	---	21
22	---	---	0.8848	18.1	20.7	19.3	17.2	17.5	17.8	0.310	---	---	22
23	---	---	0.8528	18.2	20.1	19.3	17.3	17.8	17.8	0.305	---	---	23
24	---	---	1.51 B	18.0	20.7	19.1	17.5	17.7	14.5	0.295	---	---	24
25	---	---	1.73 B	18.1	21.5	19.0	18.1	17.6	9.33	0.288	---	---	25
26	---	---	2.00 B	18.3	20.5	19.0	18.1	17.3	5.02	0.278	---	---	26
27	---	---	4.42 B	18.5	19.3	19.4	18.0	17.3	3.03	0.280	---	---	27
28	---	0.3068	5.42 B	18.6	18.2	19.5	17.9	17.3	0.878	0.288	---	---	28
29	---		6.00 B	17.9	20.0	18.5	17.4	17.3	0.804	0.182A	---	---	29
30	---		6.71 B	17.9	25.5	18.8	17.5	17.3	0.818	0.144E	---	---	30
31	---		5.86 B		20.9		17.5	17.0		0.138A		---	31
TOTAL	---	---	82.039	502.60	613.6	580.8	446.114	545.6	383.136	11.037	---	---	TOTAL
MEAN	---	---	1.71	18.7	19.8	19.4	14.4	17.6	12.1	0.388	---	---	MEAN
MAX	---	---	6.71	19.5	25.5	20.5	19.0	18.2	18.2	0.697	---	---	MAX
MIN	---	---	0.148	8.00	13.5	18.5	0.882	17.0	0.818	0.138	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 25.5 ON MAY 20
MINIMUM DAILY, 0.138A ON OCT 31
MAXIMUM INSTANTANEOUS,
27.8 AT 13:30 MST ON MAY 30

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 18 N
LONG 112 53 16 W
DRAINAGE AREA, 362 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1919

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	36 000
FEB	---	AUG	47 100
MAR	4 570	SEP	31 000
APR	43 400	OCT	1 030
MAY	53 000	NOV	---
JUN	00 200	DEC	---

TOTAL DISCHARGE, 389 000 dam³

NORTH RAM RIVER AT FORESTRY ROAD - STATION NO. 08DC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.215	2.15	5.42	1.45	3.49	3.45	---	---	1
2	---	---	---	---	0.274	2.04	5.86	1.44	3.40	3.74	---	---	2
3	---	---	---	---	0.548	1.89	5.38	1.43	3.47	3.60	---	---	3
4	---	---	---	---	0.660	1.84	4.99	1.38	3.42	3.42	---	---	4
5	---	---	---	---	0.477	1.89	4.56	1.34	3.59	3.34	---	---	5
6	---	---	---	---	0.465	1.78	4.36	1.39	4.01	3.33	---	---	6
7	---	---	---	---	0.478	1.81	3.96	1.32	3.82	3.31	---	---	7
8	---	---	---	---	0.495	2.05	3.69	1.76	3.80	3.04	---	---	8
9	---	---	---	---	0.508	2.33	3.45	1.83	3.82	2.92	---	---	9
10	---	---	---	---	0.514	2.30	3.34	1.89	4.14	2.91	---	---	10
11	---	---	---	---	0.503	2.34	3.06	1.58	4.91	2.67	---	---	11
12	---	---	---	---	0.473	2.23	3.02	2.31	5.00	2.77	---	---	12
13	---	---	---	---	0.462	2.19	2.92	2.68	19.3	2.67	---	---	13
14	---	---	---	---	0.452	2.17	2.73	2.68	18.2	2.59	---	---	14
15	---	---	---	---	0.465	2.11	2.85	4.16	15.3	2.59	---	---	15
16	---	---	---	---	0.473	2.02	2.80	5.24	13.1	2.58	---	---	16
17	---	---	---	---	0.500	1.93	2.82	5.63	11.3	2.48	---	---	17
18	---	---	---	---	0.557	1.85	2.60	5.47	9.80	2.33	---	---	18
19	---	---	---	---	0.620	1.80	2.35	5.27	8.75	2.28	---	---	19
20	---	---	---	---	0.636	2.01	2.12	5.16	7.77	2.33	---	---	20
21	---	---	---	---	0.642	2.14	1.98	5.79	7.07	2.27	---	---	21
22	---	---	---	---	0.651	2.16	1.93	5.65	6.38	2.26	---	---	22
23	---	---	---	---	0.688	4.56	2.01	5.27	5.79	2.16	---	---	23
24	---	---	---	0.341A	0.731	5.35	2.09	5.11	5.45	2.07	---	---	24
25	---	---	---	0.175	0.930	5.25	1.84	4.84	5.06	2.06	---	---	25
26	---	---	---	0.185	1.07	7.54	1.70	4.68	4.98	1.80	---	---	26
27	---	---	---	0.177	1.11	8.61	1.62	4.38	4.70	1.93	---	---	27
28	---	---	---	0.167	1.17	9.10	1.58	4.21	4.19	1.89A	---	---	28
29	---		---	0.178	2.06	8.18	1.54	4.22	4.12	1.87E	---	---	29
30	---		---	0.194	2.49	7.24	1.50 *	3.68	3.97	1.85E	---	---	30
31	---		---		2.24		1.46	3.64		1.83E		---	31
TOTAL	---	---	---	---	23.588	103.05	91.49	106.41	304.50	81.19	---	---	TOTAL
MEAN	---	---	---	---	0.761	3.44	2.95	3.43	9.83	2.62	---	---	MEAN
MAX	---	---	---	---	2.49	9.10	5.42	5.79	19.3	3.85	---	---	MAX
MIN	---	---	---	---	0.215	1.78	1.46	1.29	3.40	1.80	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.33
MAXIMUM DAILY, 19.3 ON SEP 13
MINIMUM DAILY, 0.215 ON MAY 1
MAXIMUM INSTANTANEOUS,
20.1 AT 13:12 MST ON SEP 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 15 55 N
LONG 115 59 30 W
DRAINAGE AREA, 348 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	7 900
FEB	---	AUG	9 190
MAR	---	SEP	17 700
APR	---	OCT	7 010
MAY	2 040	NOV	---
JUN	8 900	DEC	---

TOTAL DISCHARGE, 53 700 dam³

NORTH SASKATCHEWAN RIVER AT EDMONTON - STATION NO. 05DF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	72.0B	1200	1380	2550	224	234	175 E	190E	134	101	131	140 B	1
2	67.9B	1180	1460	3580	225	231	180 E	181A	94.6	103	186	141 B	2
3	63.2B	1040	1440	650	210	206	180 E	138	93.4	170	172	143 B	3
4	64.4B	1080	1360	419	194	206	150 E	104	90.3	183	143	160 B	4
5	75.5B	1070	1140	344	187	249	190 E	120	139	151	156	159 B	5
6	78.5B	1070	1210	290	195	250	173 E	132	118	184	1300	188 B	6
7	89.4B	1300	1280	271	190	231	184 E	130	136	183	1100	170 B	7
8	91.3B	1300	1360	248	185	226	160 E	129	131	126	1400	130 B	8
9	83.8B	1280	1230	245	182	203	188 E	103	103	190	1580	110 B	9
10	84.8B	1470	1280	288	171	205	154 E	124	139	159	1530	100 B	10
11	101 B	1270	1170	324	173	218	145 E	111	151	184	1520	140 B	11
12	94.8B	1080	1300	330	174	218	153 E	100	137	193	1400	150 B	12
13	94.0B	1060	1100	319	183	227	143 E	112	182	145	1400	130 B	13
14	82.0B	1110	1310	330	176	217	130 E	143	427	156	1550	124 B	14
15	90.9B	1320	1450	332	175	200	127 E	208	661	149	1570	127 B	15
16	80.9B	1300	1280	319	188	187	120 E	196	515	92.2	1600	113 B	16
17	109 B	1480	1300	295	176	181	100 E	185	378	138	1650	85.9B	17
18	118 B	1430	1480	319	143	168	110 E	210	329	184	1600	104 B	18
19	132 B	1450	1560	282	97.4	153	105 E	193	283	150	1300	127 B	19
20	122 B	1430	3030	260	98.0	170	142 E	217	253	158	1500	150 B	20
21	115 B	1270	3030	337	148	158	180 E	193	245	157	1530	170 B	21
22	105 B	1430	1630	342	151	148	145 E	199	226	138	1570	180 B	22
23	107 B	1410	1620	317	141	157	110 E	214	228	123	1700	140 B	23
24	109 B	1300	1750	327	193	175	84.0E	200	225	131	1480	130 B	24
25	116 B	1540	1630	329	180	169	80.0E	225	212	150	1380	128 B	25
26	109 B	1300	1600	240	215	185	130 A	221	216	144	1430	119 B	26
27	86.9B	1320	1760	282	281	191	120 E	175	209	145	1500	96.4B	27
28	85.9B	1300	1770	256	283	207A	113 E	135	223	195	1590	119 B	28
29	86.9B		1770	221	283	206E	130 E	154	211	148	1630	138 B	29
30	101 B		1630	231	272	1630	115 E	170	212	149	1400	175 B	30
31	123 B		2200		272		152 E	143		141		190 B	31
TOTAL	3 088.8	3 833	4 781	8 836	5 830.4	5 143	4 277.0	5 078	8 678.3	4 632.2	4 484	4 219.3	TOTAL
MEAN	85.6	130	154	284	181	205	138	164	223	149	149	136	MEAN
MAX	123	180	226	450	272	250	180	240	661	181	190	190	MAX
MIN	63.2	105	114	217	97.4	149	80.0	100	80.3	92.2	110	85.8	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 195
MAXIMUM DAILY, 681 ON SEP 15
MINIMUM DAILY, 63.2B ON JAN 3
MAXIMUM INSTANTANEOUS,
705 AT 19:49 MST ON SEP 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 32 15 N
LONG 113 29 04 W
DRAINAGE AREA, 28 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1960

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	287 000	JUL	370 000
FEB	314 000	AUG	438 000
MAR	411 000	SEP	577 000
APR	746 000	OCT	400 000
MAY	512 000	NOV	388 000
JUN	531 000	DEC	385 000

TOTAL DISCHARGE, 5 310 000 dam³

NORTH SASKATCHEWAN RIVER AT WHIRLPOOL POINT - STATION NO. 05DA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.540	4.430	5.080	6.390	7.15	96.8	197	198	87.4	22.9	14.2	6.300	1
2	5.530	4.450	5.080	6.430	8.42	87.6	189	194	88.4	22.4	13.7	6.200	2
3	5.530	4.480	5.060	6.430	11.6	100	192	202	86.3	22.0	13.7	6.350	3
4	5.510	4.480	5.060	6.430	13.2	105	204	209	86.7	20.6	13.6	6.450	4
5	5.500	4.480	5.060	6.430	12.5	102	219	190	81.9	19.9	15.4 E	6.550	5
6	5.480	4.470	5.120	6.490	11.8	91.0	217	185	81.5	19.3	14.5 E	6.650	6
7	5.480	4.460	5.170	6.530	13.1	83.2	193	161	67.7	18.2	13.1 E	6.600	7
8	5.480	4.440	5.220	6.530	12.8	74.5	193	168	61.6	17.0	12.5 E	6.550	8
9	5.420	4.440	5.300	6.670	14.1	85.6	211	135	58.7	16.8	12.1 E	6.300	9
10	5.370	4.460	5.350	6.900	16.1	98.1	238	117	60.6	16.5	11.9 E	6.250	10
11	5.320	4.500	5.410	6.850	13.8	80.4	231	103	68.3	16.4	10.3 E	6.300	11
12	5.270	4.610	5.500	6.800	13.0	88.5	212	105	85.1	16.0	10.3 E	6.350	12
13	5.270	4.650	5.620	6.720	13.4	88.1	178	86.4	102	15.5	10.5 E	6.350	13
14	5.210	4.600	5.670	6.700	12.2	90.5	183	81.2	85.3	15.4	10.7 E	6.400	14
15	5.210	5.070	5.720	6.670	12.9	99.2	181	108	88.3	15.5	10.4 E	6.450	15
16	5.220	5.000	5.780	6.610	15.8	85.6	148	88.6	88.7	19.0	9.500	6.700	16
17	5.200	4.950	5.650	6.690	25.8	71.7	148	88.5	82.1	18.5	9.200	6.750	17
18	5.090	4.910	5.000	6.620	44.0	80.3	147	83.6	64.8	18.8	8.750	6.780	18
19	5.000	4.890	5.090	6.710	87.7	118	155	102	61.1	17.0	8.350	6.600	19
20	4.900	4.880	5.100	6.750	89.8	147	157	108	57.1	20.4	7.700	6.350	20
21	4.780	4.880	5.090	6.820	98.5	123	190	108	35.5	18.4	7.400	6.400	21
22	4.690	4.900	5.080	6.950	113	113	205	82.6	33.5	18.2	7.650	6.550	22
23	4.620	4.900	5.050	6.990	139	93.4	203	82.5	31.1	17.3	7.350	6.550	23
24	4.560	4.900	5.090	7.11	147	78.5	195	88.8	30.2	18.2	6.950	6.350	24
25	4.520	4.950	5.120	7.03	153	84.0	174	120	28.5	18.9	6.550	6.000	25
26	4.490	5.000	5.130	7.01	135	83.6	173	103	28.2	18.2	6.700	5.500	26
27	4.480	5.070	5.150	6.72	101	82.9	183	89.3	27.2	16.8	6.500	5.200	27
28	4.410	5.100	5.210	6.83	87.6 A	112	155	88.9	25.3	20.0	6.500	4.900	28
29	4.400		5.210	6.46	88.4	147	180	95.3	24.8	16.8	6.550	4.850	29
30	4.400		5.230	6.81	93.1	194	170	87.9	23.7	16.4	6.500	5.000	30
31	4.410		5.270		95.6		183	76.0		15.2		5.050	31
TOTAL	156.28	132.55	176.61	201.38	1 675.07	2 830.9	5 727	3 741.6	1 622.1	548.4	288.84	191.98	TOTAL
MEAN	5.04	4.73	5.70	6.71	54.0	94.4	185	121	47.4	17.7	9.93	6.19	MEAN
MAX	5.54	5.10	5.27	7.11	153	194	231	209	102	22.9	15.4	6.78	MAX
MIN	4.40	4.43	5.06	6.38	7.15	50.4	147	76.0	23.7	14.2	8.50	4.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.9
MAXIMUM DAILY, 231 ON JUL 11
MINIMUM DAILY, 4.400 ON JAN 29
MAXIMUM INSTANTANEOUS,
252 AT 05:15 MST ON JUL 11

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 05 N
LONG 115 28 10 W
DRAINAGE AREA, 1 920 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 500	JUL	495 000
FEB	11 500	AUG	323 000
MAR	15 300	SEP	133 000
APR	17 400	OCT	47 500
MAY	145 000	NOV	25 600
JUN	245 000	DEC	16 600

TOTAL DISCHARGE, 1 480 000 dam³

NORTH SASKATCHEWAN RIVER BELOW BIGHORN PLANT - STATION NO. 05DC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.6	83.6	85.5	72.7	84.7	145	38.6	42.5	28.9	37.1	81.1	74.7	1
2	35.1	81.5	70.2	72.6	90.7	138	83.8	73.1	80.1	18.8	88.1	78.0	2
3	35.8	77.4	72.7	72.8	81.7	135	87.5	97.6	38.8	30.8	81.0	64.2	3
4	36.5	79.0	88.7	70.2	95.5	115	80.9	74.9	46.6	30.7	89.2	32.3	4
5	40.4	85.6	84.1	78.7	78.3	105	110	35.5	35.7	28.9	81.8	37.0	5
6	40.0	86.6	86.6	75.9	88.7	103	74.1	47.3	38.2	37.3	88.8	81.8	6
7	44.6	87.6	80.9	73.5	78.8	115	44.6	82.9	86.5	48.0	100	88.0	7
8	47.2	86.6	83.0	77.6	71.2	87.6	78.1	31.7	85.6	83.8	88.5	88.4	8
9	50.3	86.1	84.7	86.5	80.4	102	80.5	34.8	30.4	35.5	85.2	88.4	9
10	52.9	84.6	85.6	84.5	76.9	117	79.6	76.1	33.3	43.6	80.7	31.7	10
11	54.4	82.4	83.7	85.1	86.4	100	81.0	48.0	43.2	44.5	81.3	31.2	11
12	55.5	82.1	84.5	90.1	82.0	89.6	80.7	77.5	53.1	38.0	87.1	32.0	12
13	57.1	82.0	78.4	88.7	85.8	91.5	32.5	61.4	36.1	8.84	88.7	31.8	13
14	58.2	84.4	78.6	84.6	82.5	86.3	34.4	71.5	1.28	40.7	85.0	30.8	14
15	59.8	85.6	77.3	100	26.9	85.9	84.6	81.0	1.22	43.8	85.7	31.1	15
16	64.2	81.3	76.3	93.0	13.2	81.0	43.3	67.4	36.3	47.4	38.8	31.1	16
17	65.6	77.8	73.0	81.5	86.5	76.1	82.9	81.9	1.26	45.2	78.1	32.3	17
18	70.7	83.7	84.8	86.2	87.2	83.3	138	81.9	1.24	42.6	73.6	31.7	18
19	75.4	83.8	80.6	81.6	71.6	84.8	47.4	86.5	38.4	18.1	88.8	31.0	19
20	74.3	87.0	88.0	81.4	81.0	83.0	80.0	87.8	10.3	32.8	86.9	31.7	20
21	85.6	85.4	87.4	80.2	103	84.6	38.8	88.3	1.35	39.8	107	31.1	21
22	87.6	86.4	86.7	78.1	86.8	76.4	40.0	78.8	1.22	42.0	83.0	31.6	22
23	84.6	87.8	88.7	76.0	111	86.1	31.2	85.6	13.8	43.3	88.8	88.2	23
24	86.5	74.5	86.8	87.4	122	81.3	38.8	86.3	27.2	42.5	88.8	74.3	24
25	85.8	86.7	86.8	87.0	136	78.1	88.3	30.8	39.6	80.1	88.0	84.0	25
26	103	81.0	88.8	84.8	112	82.4	74.3	86.6	48.2	44.5	105	85.4	26
27	90.4	83.0	88.8	86.8	134	44.3	86.5	87.8	86.8	48.0	83.7	76.4	27
28	80.8	83.7	73.7	83.2	149	43.0	88.3	42.4	31.1	42.5	84.5	33.8	28
29	88.1		73.8	86.8	75.8	37.1	125	48.7	17.8	48.1	83.8	33.1	29
30	88.8		72.8	86.8	84.7	36.7	134	27.8	34.3	88.6	78.1	32.8	30
31	86.2		72.7		139		48.3	38.7		91.1		33.6	31
TOTAL	2 099.8	2 327.1	2 478.3	2 833.7	2 790.3	2 605.3	2 031.4	1 898.8	887.33	1 394.84	2 829.6	1 488.2	TOTAL
MEAN	66.4	83.1	80.0	84.1	80.0	83.5	65.5	61.1	29.6	41.8	87.8	47.8	MEAN
MAX	103	87.8	88.8	100	149	145	138	87.8	86.3	91.1	107	85.4	MAX
MIN	33.6	87.8	84.8	70.2	13.2	37.1	26.6	27.8	1.22	8.84	38.8	30.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 68.2
MAXIMUM DAILY, 149 ON MAY 28
MINIMUM DAILY, 1.22 ON SEP 16

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 19 38 N
LONG 115 19 31 W
DRAINAGE AREA, 3 880 km²

REGULATED SINCE 1972

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	178 000	JUL	178 000
FEB	291 000	AUG	184 000
MAR	314 000	SEP	78 700
APR	318 000	OCT	113 000
MAY	341 000	NOV	227 000
JUN	317 000	DEC	138 000

TOTAL DISCHARGE, 2 180 000 dam³

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

NORTH SASKATCHEWAN RIVER NEAR LODGEPOLE - STATION NO. 05DE005

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	3.088	2.815	2.822	2.257	2.886	2.886	---	1
2	---	---	---	---	---	3.044	2.889	2.364	2.242	2.873	3.468	---	2
3	---	---	---	---	---	2.995	2.994	2.336	2.275	2.878	2.942	---	3
4	---	---	---	---	---	2.942	2.729	2.488	2.308	2.845	2.893	---	4
5	---	---	---	---	---	2.935	2.892	2.484	2.448	2.836	2.886	---	5
6	---	---	---	---	---	2.782	2.745	2.381	2.446	2.422	2.478A	---	6
7	---	---	---	---	---	2.784	2.899	2.220	2.328	2.490	---	---	7
8	---	---	---	---	---	2.727	2.584	2.411	2.375	2.845	---	---	8
9	---	---	---	---	---	2.769	2.807	2.359	2.528	2.583	---	---	9
10	---	---	---	---	---	2.806	2.598	2.312	2.536	2.840	---	---	10
11	---	---	---	---	---	2.859	2.874	2.265	2.484	2.499	---	---	11
12	---	---	---	---	---	2.831	2.552	2.484	2.598	2.493	---	---	12
13	---	---	---	---	---	2.781	2.473	2.623	2.491	2.630	---	---	13
14	---	---	---	---	---	2.685	2.661	2.721	3.072	2.316	---	---	14
15	---	---	---	---	---	2.730	3.379	2.673	3.386	2.328	---	---	15
16	---	---	---	---	---	2.803	2.423	2.708	3.486	2.554	---	---	16
17	---	---	---	---	---	2.804	2.316	2.715	3.333	2.805	---	---	17
18	---	---	---	---	---	2.575	2.443	2.760	3.164	2.615	---	---	18
19	---	---	---	---	---	2.550	2.608	2.765	3.035	2.585	---	---	19
20	---	---	---	---	---	2.642	2.650	2.723	3.015	2.536	---	---	20
21	---	---	---	---	---	2.598	2.317	2.748	2.886	2.384	---	---	21
22	---	---	---	---	---	2.590	2.387	2.809	2.834	2.393	---	---	22
23	---	---	---	---	---	2.610	2.394	2.935	2.633	2.468	---	---	23
24	---	---	---	---	---	2.648	2.492	2.809	2.762	2.478	---	---	24
25	---	---	---	2.738A	---	2.739	2.430	2.672	2.768	2.630	---	---	25
26	---	---	---	---	---	2.768	2.403	2.692	2.763	2.522	---	---	26
27	---	---	---	---	---	2.782	2.461	2.665	2.813	2.479	---	---	27
28	---	---	---	---	3.085A	2.864	2.489	2.639	2.761	2.611	---	---	28
29	---		---	2.730A	2.998	2.802	2.502	2.585	2.708	2.486	---	---	29
30	---		---	2.841	2.909	2.807	2.732	2.461	2.698	2.383	---	---	30
31	---		---		2.878		2.887	2.319		2.478		---	31
MEAN	---	---	---	---	---	2.767	2.635	2.557	2.768	2.600	---	---	MEAN
MAX	---	---	---	---	---	3.088	2.745	2.935	3.072	2.805	---	---	MAX
MIN	---	---	---	---	---	2.550	2.316	2.220	2.242	2.316	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.972 ON SEP 14

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 03 08 N
LONG 115 12 33 W

A - MANUAL GAUGE

REGULATED SINCE 1950

DRAINAGE AREA,
20 800 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 784.880 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

NORTH SASKATCHEWAN RIVER NEAR ROCKY MOUNTAIN HOUSE - STATION NO. 05DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	134	220	120	95.1	101	130	151	---	1
2	---	---	---	---	136	224	112	80.4	85.2	116	149	---	2
3	---	---	---	---	153	202	169	120	109	104	134	---	3
4	---	---	---	---	148	197	148	140	108	108	138	---	4
5	---	---	---	---	150	178	152	113	108	108	150	---	5
6	---	---	---	---	133	179	185	78.1	113	105	140	---	6
7	---	---	---	---	136	187	143	86.8	108	113	159	---	7
8	---	---	---	---	130	166	111	104	128	130	---	---	8
9	---	---	---	---	130	159	138	89.2	123	139	---	---	9
10	---	---	---	---	130	174	135	92.4	109	113	---	---	10
11	---	---	---	---	129	179	139	133	111	119	---	---	11
12	---	---	---	---	138	165	121	110	138	121	---	---	12
13	---	---	---	---	148	141	159	113	184	321	114	---	13
14	---	---	---	---	148	130	164	86.2	180	337	90.1	---	14
15	---	---	---	---	138	134	161	82.0	144	380	108	---	15
16	---	---	---	---	149	80.6	146	96.2	183	216	132	---	16
17	---	---	---	---	145	84.3	130	88.7	183	200	126	---	17
18	---	---	---	---	140	108	126	111	183	184	123	---	18
19	---	---	---	---	135	143	121	174	182	140	119	---	19
20	---	---	---	---	137	134	140	93.3	182	150	100	---	20
21	---	---	---	---	132	187	131	89.2	181	135	93.1	---	21
22	---	---	---	---	133	183	186	83.0	180	116	109	---	22
23	---	---	---	---	130	182	191	86.8	176	108	114	---	23
24	---	---	---	---	118	178	144	91.3	188	113	113	---	24
25	---	---	---	---	130	209	188	88.8	183	135	114	---	25
26	---	---	---	---	128	221	171	104	131	134	119	---	26
27	---	---	---	---	126	196	152	115	139	141	113	---	27
28	---	---	---	---	127	221	142	89.6	141	182	130	---	28
29	---		---	---	128	232	137	130	119	128	114	---	29
30	---		---	---	137	183	131	181	119	110	119	---	30
31	---		---			189		159	101		148		31
TOTAL	---	---	---	---	4 043.1	4 647	3 681.8	4 066.1	4 383.3	3 648.2	---	---	TOTAL
MEAN	---	---	---	---	130	183	119	132	146	116	---	---	MEAN
MAX	---	---	---	---	333	334	174	188	337	148	---	---	MAX
MIN	---	---	---	---	84.3	130	81.3	78.1	89.2	80.1	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 137
MAXIMUM DAILY, 337 ON SEP 14
MINIMUM DAILY, 84.3 ON MAY 17
MAXIMUM INSTANTANEOUS,
380 AT 06:31 MST ON SEP 14

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 32 51 N
LONG 116 05 21 W
DRAINAGE AREA, 11 000 km²

REGULATED SINCE 1972

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	318 000
FEB	---	AUG	353 000
MAR	---	SEP	370 000
APR	---	OCT	308 000
MAY	401 000	NOV	---
JUN	419 000	DEC	---

TOTAL DISCHARGE, 2 169 000 dam³

NOSE CREEK AT CALGARY - STATION NO. 05BN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2400	0.184	0.338	0.088	0.014	0.008	0.038	0.132	0.0778	---	1
2	---	---	0.1900	0.267	0.282	0.087	0.003	0.003	0.034	0.112	0.0708	---	2
3	---	---	0.0300	0.362	0.233	0.052	0.002	0	0.038	0.100	0.0678	---	3
4	---	---	0.0038	0.172	0.185	0.046	0	0	0.027	0.089	0.0678	---	4
5	---	---	0.0038	0.302	0.167	0.042	0.003	0.013	0.058	0.087	0.0858	---	5
6	---	---	0.0038	0.338	0.116	0.043	0	0	0.103	0.113	0.0528	---	6
7	---	---	0.0118	0.183	0.088	0.049	0	0	0.072	0.093	0.0528	---	7
8	---	---	0.0478	0.180	0.079	0.026	0	0.014	0.051	0.093	---	---	8
9	---	---	0.0408	0.181	0.081	0.040	0	0.014	0.048	0.083	---	---	9
10	---	---	0.0288	0.189	0.083	0.055	0	0.032	0.042	0.092	---	---	10
11	---	---	0.0238	0.178	0.088	0.043	0	0.013	0.038	0.088	---	---	11
12	---	---	0.0408	0.148	0.068	0.040	0.002	0.038	4.88	0.078	---	---	12
13	---	---	0.0838	0.132	0.068	0.100	0.010	0.024	5.88	0.077	---	---	13
14	---	---	0.5818	0.108	0.034	0.068	0	0.023	3.34	0.078	---	---	14
15	---	---	0.7518	0.108	0.032	0.027	0	0.412	1.12	0.188	---	---	15
16	---	---	1.84 B	0.114	0.030	0.014	0.017	0.184	0.626	0.133	---	---	16
17	---	---	2.47 B	0.108	0.030	0.008	0.181	0.082	0.405	0.111	---	---	17
18	---	---	1.48 B	0.113	0.028	0.006	0.054	0.052	0.298	0.097	---	---	18
19	---	---	0.8518	0.203	0.030	0.002	0.027	0.081	0.398	0.130	---	---	19
20	---	---	0.5318	0.281	0.034	0.183	0.018	0.098	0.251	0.131	---	---	20
21	---	---	0.5638	0.231	0.027	0.084	0.003	0.293	0.232	0.155	---	---	21
22	---	---	0.4088	0.338	0.035	0.083	0.001	0.344	0.189	0.147	---	---	22
23	---	---	0.3638	0.278	0.027	0.053	0.458	0.118	0.171	0.120	---	---	23
24	---	---	0.2878	0.258	0.065	0.070	0.211	0.188	0.175	0.1048	---	---	24
25	---	---	0.1678	0.256	0.387	0.051	0.108	0.118	0.161	0.1088	---	---	25
26	---	0 B	0.0988	0.234	0.184	0.043	0.040	0.078	0.163	0.0878	---	---	26
27	---	0.0258	0.0838	0.226	0.116	0.038	0.023	0.068	0.145	0.0848	---	---	27
28	---	0.1408	0.0988	0.182	0.132	0.033	0.013	0.081	0.131	0.1428	---	---	28
29	---		0.1788	0.342	0.127	0.037	0.039	0.065	0.130	0.0998	---	---	29
30	---		0.3248	0.283	0.093	0.017	0.018	0.038	0.128	0.0888	---	---	30
31	---		0.238		0.077		0.013	0.030		0.0778		---	31
TOTAL	---	---	11.825	8.288	3.180	1.537	1.253	3.303	18.084	3.317	---	---	TOTAL
MEAN	---	---	0.375	0.310	0.103	0.051	0.040	0.074	0.602	0.107	---	---	MEAN
MAX	---	---	3.47	0.338	0.387	0.183	0.458	0.412	5.88	0.188	---	---	MAX
MIN	---	---	0.003	0.108	0.028	0.002	0	0	0.024	0.077	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.184
MAXIMUM DAILY, 5.88 ON SEP 13
MINIMUM DAILY, 0 ON JUL 6
MAXIMUM INSTANTANEOUS,
18.0 AT 11:23 MDT ON SEP 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 07 20 N
LONG 114 03 05 W
DRAINAGE AREA, 893 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	108
FEB	---	AUG	189
MAR	1 000	SEP	1 580
APR	843	OCT	287
MAY	275	NOV	---
JUN	132	DEC	---

TOTAL DISCHARGE, 4 100 dam³

NOSE CREEK NEAR THE MOUTH - STATION NO. 05BN001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.388A	0.161	0.183	0.151	0.109	0.247	---	---	1
2	---	---	---	---	0.313	0.134	0.184	0.138	0.103	0.257	---	---	2
3	---	---	---	---	0.281	0.128	0.168	0.136	0.284	0.249	---	---	3
4	---	---	---	---	0.188	0.111	0.157	0.133	0.148	0.204	---	---	4
5	---	---	---	---	0.180	0.108	0.125	0.138	0.497	0.201	---	---	5
6	---	---	---	---	0.148	0.102	0.158	0.135	0.873	0.355	---	---	6
7	---	---	---	---	0.133	0.262	0.180	0.108	0.364	---	---	---	7
8	---	---	---	---	0.101	0.834	0.157	0.343	---	---	---	---	8
9	---	---	---	---	0.113	0.247	0.148	0.618	---	---	---	---	9
10	---	---	---	---	0.111	0.184	0.183	0.452	---	---	---	---	10
11	---	---	---	---	0.107	0.132	0.148	0.204	---	---	---	---	11
12	---	---	---	---	0.138	0.138	0.163	0.307	---	---	---	---	12
13	---	---	---	---	0.118	0.188	0.831	0.186	5.61 A	---	---	---	13
14	---	---	---	---	0.110	0.330	0.180	---	3.18	---	---	---	14
15	---	---	---	---	0.112	0.138	0.138	---	2.03	---	---	---	15
16	---	---	---	---	0.110	0.120	0.147	---	1.42	---	---	---	16
17	---	---	---	---	0.108	0.117	1.67	---	1.13	---	---	---	17
18	---	---	---	---	0.108	0.102	1.82	---	0.881	---	---	---	18
19	---	---	---	---	0.112	0.108	0.158	---	1.05	---	---	---	19
20	---	---	---	---	0.108	2.27	0.135	---	0.821	---	---	---	20
21	---	---	---	---	0.110	0.821	0.131	---	0.809	---	---	---	21
22	---	---	---	---	0.112	0.618	0.337	---	0.488	---	---	---	22
23	---	---	---	---	0.112	0.278	2.40	---	0.372	---	---	---	23
24	---	---	---	---	0.108	0.243	0.891	---	0.333	---	---	---	24
25	---	---	---	---	0.218	0.231	0.431	---	0.313	---	---	---	25
26	---	---	---	---	2.12	0.180	0.188	0.215A	0.330	---	---	---	26
27	---	---	---	---	0.618	0.168	0.135	0.187	0.258	---	---	---	27
28	---	---	---	---	0.488	0.159	0.184	0.183	0.281	---	---	---	28
29	---		---	---	0.309	0.238	0.618	0.148	0.287	---	---	---	29
30	---		---	---	0.183	0.180	0.148	0.137	0.270	---	---	---	30
31	---		---		0.138		0.128	0.118		0.184A		---	31
TOTAL	---	---	---	---	7.314	8.841	11.848	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	0.236	0.288	0.373	---	---	---	---	---	MEAN
MAX	---	---	---	---	2.12	2.27	2.40	---	---	---	---	---	MAX
MIN	---	---	---	---	0.101	0.102	0.128	---	---	---	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 03 00 N
LONG 114 01 00 W
DRAINAGE AREA, 950 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	999
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	933	NOV	---
JUN	747	DEC	---

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

NOTIKEWIN RIVER AT MANNING - STATION NO. 07HC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1858	0.0928	0.0959	0.3139	33.2	16.2	10.1	1.81	2.26	20.0	3.36 B	0.5258	1
2	0.1908	0.0848	0.0848	0.2638	33.1	17.2	13.8	1.84	2.25	17.9	3.40 B	0.5308	2
3	0.2008	0.0858	0.0939	0.2468	44.3	16.4	11.6	1.48	2.19	16.4	3.06 B	0.5208	3
4	0.2058	0.0628	0.0918	0.3248	74.8	13.4	9.47	1.37	2.12	15.0	2.36 B	0.5208	4
5	0.2108	0.0808	0.0808	0.3048	104	11.8	7.92	1.27	2.11	13.8	2.19 B	0.5208	5
6	0.2058	0.0788	0.0808	0.6868	104	10.1	6.56	1.16	2.00	13.4	2.22 B	0.5208	6
7	0.2008	0.0788	0.0828	0.9268	85.7	8.64	5.72	1.10	1.77	13.1	1.86 B	0.5158	7
8	0.1958	0.0748	0.0858	0.7968	75.7	8.12	5.12	1.03	1.83	12.8	1.35 B	0.5108	8
9	0.1908	0.0788	0.0888	0.7718	69.4	7.37	4.35	0.921	1.78	12.0	1.44 B	0.5058	9
10	0.1908	0.0808	0.1008	0.4668	64.7	6.80	3.78	0.845	2.48	10.9	1.40 B	0.5008	10
11	0.1858	0.0818	0.1028	0.9188	62.0	6.05	3.36	0.811	2.85	10.1	1.38 B	0.5008	11
12	0.1808	0.0828	0.1008	0.5988	56.5	5.60	3.11	0.770	2.71	11.4	1.36 B	0.5008	12
13	0.1758	0.0838	0.1008	1.48 B	50.1	5.02	3.03	0.729	3.39	11.1	1.19 B	0.4908	13
14	0.1708	0.0848	0.1028	1.88 B	43.7	4.68	2.77	0.782	3.35	11.1	1.15 B	0.4808	14
15	0.1658	0.0898	0.1058	7.67 B	37.8	4.62	2.78	0.937	3.84	11.1	1.06 B	0.4808	15
16	0.1808	0.0878	0.1208	33.0 B	33.4	4.61	2.95	0.847	9.17	11.0	1.01 B	0.4808	16
17	0.1578	0.0908	0.1458	35.3 B	30.4	4.16	2.61	0.848	13.0	10.8	1.13 B	0.4388	17
18	0.1538	0.0828	0.1808	33.5 B	27.2	3.61	2.30	0.943	14.2	10.8	1.12 B	0.4198	18
19	0.1508	0.0828	0.2208	31.6 B	25.2	3.35	2.24	1.05	15.2	10.5	1.07 B	0.4008	19
20	0.1478	0.0918	0.2708	19.6 B	23.0	3.33	2.33	0.986	16.0	10.2	0.8308	0.3908	20
21	0.1438	0.0918	0.3008	16.4 B	20.4	3.88	2.24	0.944	15.6	10.8	0.8258	0.3758	21
22	0.1408	0.0828	0.2308	19.7 B	18.3	4.26	2.19	1.32	14.9	11.1	0.8508	0.3608	22
23	0.1378	0.0848	0.2708	18.0 B	16.4	4.38	2.18	1.84	14.7	10.7	0.7758	0.3458	23
24	0.1338	0.0878	0.3158	16.9 B	14.7	4.36	2.38	1.48	17.1	10.7	0.7008	0.3358	24
25	0.1308	0.1008	0.2708	20.4 B	13.4	4.82	2.64	1.85	16.8	9.86	0.6508	0.3258	25
26	0.1258	0.1028	0.2308	20.0 B	12.1	19.6	2.39	1.42	18.9	8.178	0.6008	0.3108	26
27	0.1208	0.1048	0.2108	20.3 B	11.5	18.2	2.04	1.31	19.6	5.918	0.5758	0.3058	27
28	0.1158	0.1008	0.2058	21.6 B	11.0	16.3	2.14	1.33	21.7	5.178	0.5508	0.2958	28
29	0.1108		0.2108	30.5	12.1	15.4	2.07	1.13	24.7	5.888	0.5408	0.2908	29
30	0.1058		0.2508	31.3	15.5	16.3	2.02	1.21	22.7	6.108	0.5308	0.2808	30
31	0.0988		0.3408		18.6		1.87	1.35		4.758		0.2758	31
TOTAL	4.866	3.466	5.202	354.847	1 239.0	266.90	135.10	35.763	392.72	341.27	40.585	13.166	TOTAL
MEAN	0.180	0.066	0.168	11.8	40.0	8.96	4.39	1.15	9.76	11.0	1.35	0.425	MEAN
MAX	0.210	0.104	0.340	31.3	104	19.6	15.1	1.81	24.7	20.0	3.49	0.535	MAX
MIN	0.095	0.076	0.080	0.234	11.0	3.35	1.87	0.729	1.77	4.76	0.530	0.275	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.49
MAXIMUM DAILY, 104 ON MAY 5
MINIMUM DAILY, 0.0788 ON FEB 7
MAXIMUM INSTANTANEOUS,
111 AT 21:30 MST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 55 10 N
LONG 117 37 05 W
DRAINAGE AREA, 4 880 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	439	JUL	11 600
FEB	313	AUG	3 090
MAR	469	SEP	35 300
APR	30 700	OCT	29 500
MAY	107 000	NOV	3 510
JUN	23 200	DEC	1 140

TOTAL DISCHARGE, 236 000 dam³

OLDMAN RIVER NEAR BROCKET - STATION NO. 05AA024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.888	4.158	4.658	8.218	97.4	101	31.7	11.0	9.81	34.8	48.1	15.2 B	1
2	5.108	4.108	4.558	10.8	93.4	100	29.8	11.4	10.2	34.2	48.1	16.3 B	2
3	5.158	4.008	4.408	13.2	84.7	92.8	26.8	11.8	11.1	33.5	48.7	16.8 B	3
4	5.208	3.958	4.358	11.8	108	84.8	27.3	11.1	11.0	31.5	54.5	17.0 B	4
5	5.208	3.928	4.308	10.5	91.5	78.8	25.9	10.4	11.1	30.6	57.2	16.6 B	5
6	5.158	3.908	4.508	10.3	74.8	76.7	24.7	10.1	14.4	31.2	50.1	16.5 B	6
7	5.108	3.888	4.908	9.02	86.5	76.8	23.7	9.83	15.3	31.0	45.7	16.0 B	7
8	5.058	3.858	5.508	8.85	83.8	141	23.5	10.2	14.0	27.7	43.5	17.6 B	8
9	4.858	3.828	6.008	9.06	83.0	128	21.3	10.7	14.8	25.5	38.3	18.1 B	9
10	4.908	3.858	6.508	12.9	82.9	103	20.0	11.0	16.0	26.1	33.48	14.5 B	10
11	4.858	3.808	7.208	17.3	80.4	89.4	18.8	11.4	18.6	27.4	27.08	13.5 B	11
12	5.008	3.858	7.608	31.3	84.9	81.7	18.0	11.3	39.1	26.5	23.58	13.8 B	12
13	5.058	4.008	8.208	27.4	80.3	78.8	17.3	12.8	84.8	27.1	20.88	14.9 B	13
14	5.108	4.108	8.408	43.9	80.2	78.0	17.4	12.4	74.7	26.4	30.08	16.6 B	14
15	5.108	4.258	8.408	53.0	81.8	72.4	18.1	14.2	60.7	28.6	32.48	16.4 B	15
16	5.058	4.358	8.358	44.8	88.8	70.7	18.5	22.4	50.6	49.8	33.28	17.7 B	16
17	4.908	4.458	8.258	42.6	87.9	85.4	19.8	30.5	46.8	49.3	36.28	17.6 B	17
18	4.758	4.508	8.208	42.2	81.7	89.8	17.8	18.9	44.4	46.8	34.28	18.8 B	18
19	4.458	4.538	8.108	38.7	102	86.8	16.8	16.1	46.4	43.8	33.18	18.3 B	19
20	4.808	4.808	7.908	34.8	117	87.4	14.7	17.8	41.4	44.5	19.48	14.1 B	20
21	4.858	4.858	8.718	35.7	134	80.1	14.3	15.8	41.0	48.5	15.48	13.5 B	21
22	4.858	4.708	8.908	25.8	138	83.1	13.7	16.0	46.4	48.8	14.88	13.2 B	22
23	4.858	4.758	8.828	33.3	131	87.8	15.0	15.8	43.7	48.5	14.08	13.1 B	23
24	4.808	4.788	8.188	31.7	132	83.8	14.8	14.8	42.0	42.8	14.58	12.8 B	24
25	4.788	4.808	8.358	30.4	141	80.8	13.8	16.0	40.3	49.5	19.38	10.7 B	25
26	4.858	4.788	8.358	19.8	143	36.3	12.7	13.5	39.6	52.5	15.68	10.7 B	26
27	4.858	4.758	8.068	16.0	130	36.3	13.1	12.8	41.8	57.4	13.08	9.868	27
28	4.858	4.708	8.048	24.8	103	33.8	11.8	11.3	38.8	60.8	15.78	7.528	28
29	4.408		8.858	57.8	98.7	33.3	11.8	10.8	37.1	61.2	19.28	7.158	29
30	4.338		8.848	60.8	98.7	32.8	11.3	10.3	35.8	58.2	16.08	8.008	30
31	4.298		8.848		98.4		10.7	9.89		63.7		9.508	31
TOTAL	150.06	118.98	188.22	772.48	2 736.4	2 108.0	583.8	411.72	1 052.81	1 249.8	677.8	443.84	TOTAL
MEAN	4.84	4.25	6.38	25.7	88.3	70.3	18.3	13.3	35.1	40.3	29.3	14.3	MEAN
MAX	5.20	4.80	8.40	60.8	143	141	31.7	22.4	84.8	63.8	57.2	18.8	MAX
MIN	4.30	3.82	4.30	8.21	80.2	32.8	10.7	8.83	8.81	26.8	14.0	7.15	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.3
MAXIMUM DAILY, 143 ON MAY 28
MINIMUM DAILY, 3.638 ON FEB 9
MAXIMUM INSTANTANEOUS,
150 AT 00:45 MST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 37 N
LONG 113 49 30 W
DRAINAGE AREA, 4 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 000	JUL	66 700
FEB	10 400	AUG	25 300
MAR	17 100	SEP	89 800
APR	86 700	OCT	104 000
MAY	337 000	NOV	75 800
JUN	182 000	DEC	36 300

TOTAL DISCHARGE, 934 000 dam³

OLDMAN RIVER NEAR LETHBRIDGE - STATION NO. 05AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.00B	8.20B	12.0B	19.5	37.1	177	15.0	3.09	3.17	34.5	132	36.0B	1
2	6.80B	9.90B	11.4B	18.4	37.3	182	14.1	2.97	3.23	33.3	127	37.0B	2
3	6.80B	9.80B	11.0B	20.3	40.9	178	12.3	2.59	3.45	32.5	123	38.5B	3
4	8.70B	9.80B	10.3B	22.5	57.9	158	10.8	2.59	3.46A	31.8	121	39.0B	4
5	8.70B	9.90B	10.2B	24.0	87.8	136	9.29	2.36	4.87	31.2	127	40.0B	5
6	8.80B	8.00B	10.2B	22.4	82.9	113	8.32	2.15	6.10A	31.5	130	41.3B	6
7	8.90B	8.10B	10.3B	20.4	84.9	91.4	7.24	2.12	6.89A	32.7	128	43.0B	7
8	7.00B	8.30B	10.5B	18.7	58.0	85.5	6.16	2.46	8.78A	34.9	127	42.0B	8
9	7.10B	8.40B	11.0B	17.1	51.2	138	5.71	2.46A	8.39A	31.2	105 B	41.5B	9
10	7.13B	8.50B	11.6B	16.0	49.8	161	5.30	3.86	7.67	29.7	97.0B	40.5B	10
11	7.40B	8.60B	12.0B	15.6	55.0	155	3.80	3.22A	7.12	29.7	70.0B	40.0B	11
12	7.60B	8.88B	12.6B	20.2	88.5	126	2.97	4.31	26.2	36.4	38.0B	39.5B	12
13	7.60B	7.60B	13.3B	26.7	86.8	113	3.11	4.69A	31.1	38.7	37.0B	39.0B	13
14	7.90B	8.30B	14.[illegible]	28.8	71.1	87.4	2.94	4.36A	86.3	39.0	37.0B	38.5B	14
15	8.20B	9.00B	14.6[illegible]	30.4	78.3	86.3	2.46	8.13A	77.0	36.3	37.5B	38.5B	15
16	8.50B	9.20B	15.7B	54.9	81.3	58.7	2.84	7.53A	62.0	36.3	50.0B	39.0B	16
17	8.80B	9.00B	16.6B	47.2	82.5	57.1	2.95	8.56A	52.5	43.7	70.0B	39.0B	17
18	8.60B	9.00B	17.0B	35.0	93.9	54.0	3.01	7.46	47.5	53.2	84.0B	37.7B	18
19	8.30B	9.00B	17.3B	30.1	110	60.9	3.78	7.64	46.0	55.1	84.0B	37.0B	19
20	8.10B	9.00B	17.4B	30.0	132	57.1	3.65	7.44	46.6	57.8	80.0B	36.5B	20
21	7.90B	9.30B	17.4B	27.3	154	50.8	2.45	9.79	42.9	61.1	37.0B	35.5B	21
22	7.80B	9.60B	17.4B	23.0	169	46.7	2.57	8.88	39.5	63.8	33.0B	35.0B	22
23	7.80B	9.90B	17.5B	17.9	182	40.7	3.06	7.76	43.5	65.0	31.5B	34.5B	23
24	7.60B	10.4 B	17.5B	15.8	183	34.2	3.34	7.02	44.1	65.5	31.0B	33.5B	24
25	7.50B	11.0 B	17.5B	14.8	191	29.4	2.92	6.59	41.9	69.1	31.0B	33.0B	25
26	7.40B	11.4 B	17.0B	13.6	206	25.7	2.63	4.21	39.9	92.5	31.5B	32.5B	26
27	7.30B	13.0 B	17.8B	12.1	214	22.5	3.19	3.93	37.6	118	32.5B	33.0B	27
28	7.20B	12.7 B	17.9B	10.5	202	19.8	2.99	3.31	36.6	121	33.0B	31.5B	28
29	6.90B		18.0B	9.02	193	17.7	2.92	3.11	36.8	132	34.0B	31.0B	29
30	6.80B		18.2B	14.7	198	16.1	3.57	3.11	36.9	139	35.0B	30.0B	30
31	6.50B		18.3B		178		3.43	3.13		135		29.0B	31
TOTAL	230.43	230.88	494.3	685.82	3 471.2	2 559.0	156.70	148.05	843.44	1 609.9	2 081.0	1 141.5	TOTAL
MEAN	7.43	8.24	16.7	22.9	112	85.3	5.05	4.78	31.4	56.4	68.7	36.8	MEAN
MAX	8.80	13.7	18.3	54.9	214	182	15.0	9.79	86.3	139	132	43.0	MAX
MIN	6.50	5.80	10.2	9.02	37.1	16.1	2.45	2.12	3.17	29.7	31.0	29.5	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.1
MAXIMUM DAILY, 214 ON MAY 27
MINIMUM DAILY, 2.12 ON AUG 7
MAXIMUM INSTANTANEOUS,
218 AT 09:20 MST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 30 N
LONG 112 52 30 W
DRAINAGE AREA, 17 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 800	JUL	13 500
FEB	19 800	AUG	12 800
MAR	39 300	SEP	81 500
APR	59 200	OCT	155 000
MAY	300 000	NOV	178 000
JUN	221 000	DEC	98 800

TOTAL DISCHARGE, 1 200 000 dam³

OLDMAN RIVER NEAR THE MOUTH - STATION NO. 05AG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.98B	5.90B	12.4B	24.5 B	5.82	177	20.9	5.74	5.80E	40.9	136	41.0B	1
2	9.82B	5.70B	12.0B	25.2	13.3	177	18.4	7.29	6.00E	38.8	132	42.0B	2
3	9.00B	5.40B	11.8B	21.9	31.3	182	16.5	8.53	7.00E	36.4	128	43.0B	3
4	8.50B	5.40B	11.0B	21.4	30.6	178	16.2	8.33	8.80E	35.5	125	44.0B	4
5	8.00B	5.40B	10.5B	22.0	40.3	156	14.0	9.80	9.00E	34.4	123	44.0B	5
6	7.88B	5.60B	10.5B	23.2	77.4	138	11.8	8.33	9.20E	33.9	126	44.0B	6
7	7.98B	5.50B	10.8B	24.3	81.2	119	11.0	8.17	10.4 E	34.7	132	43.7B	7
8	7.98B	5.60B	11.2B	23.1	86.8	98.9	10.3	8.97	12.8 E	36.3	132	43.5B	8
9	7.10B	5.50B	12.0B	20.2	83.1	93.8	9.23	7.01	11.5 E	36.5	131	43.0B	9
10	7.00B	5.60B	12.5B	18.7	44.8	191	8.13	6.86	11.0 E	38.0	38.0B	42.5B	10
11	7.00B	5.90B	13.2B	17.1	40.5	183	7.38	8.49	12.0 E	32.3	37.8B	41.0B	11
12	7.10B	6.00B	14.0B	16.1	45.6	170	7.54	8.63	13.6 A	30.7	37.6B	40.0B	12
13	7.50B	6.04B	15.0B	15.9	58.6	143	7.70	10.3	19.7	32.3	38.5B	38.0B	13
14	8.00B	6.30B	16.4B	19.2	80.3	130	8.61	8.53	32.7	37.7	41.0B	37.0B	14
15	8.50B	8.00B	17.2B	24.6	90.7	101	8.50	10.1	72.1	39.7	50.0B	36.0B	15
16	9.60B	9.00B	18.0B	28.2	72.7	77.4	8.26	11.4	83.8	37.4	56.0B	35.2B	16
17	9.60B	10.0 B	18.5B	43.8	74.9	85.8	8.68	14.6	86.6	36.3	70.0B	35.2B	17
18	9.60B	10.2 B	18.5B	44.6	76.8	83.1	8.46	14.6	87.6	37.5	71.0B	35.8B	18
19	9.20B	10.5 B	18.5B	33.9	87.1	80.4	8.63	13.8	81.6	47.9	46.0B	36.5B	19
20	9.00B	11.0 B	18.5B	28.6	103	84.1	8.70E	12.6	48.1	83.6	35.0B	36.0B	20
21	8.58B	11.2 B	18.5B	28.7	126	88.3	8.88	13.1	49.0	88.0	33.0B	36.0B	21
22	8.40B	11.6 B	18.5B	24.6	158	89.3	8.98	10.7 E	46.0	80.6	33.0B	36.5B	22
23	8.40B	11.6 B	18.5B	21.3	171	88.5	8.70	10.6 E	42.1	83.8	33.0B	36.0B	23
24	8.00B	11.6 B	18.4B	17.6	182	86.3	8.78	10.4 E	42.0	84.3	33.0B	35.5B	24
25	7.90B	12.0 B	18.5B	16.3	185	80.2	8.84	10.3 E	45.6	86.3	34.0B	35.0B	25
26	7.30B	12.0 B	19.0B	14.8	195	35.8	8.85	10.1 E	44.2	86.5	35.0B	34.0B	26
27	7.00B	12.0 B	19.5B	12.2	210	32.2	7.16	9.80E	42.2	87.4	37.0B	33.2B	27
28	6.80B	12.2 B	20.5B	10.7	218	27.8	8.87	8.60E	40.7	118	38.0B	33.5B	28
29	6.50B		21.5B	9.15	202	24.5	8.83	7.00E	40.1	119	39.5B	32.2B	29
30	6.26B		22.4B	8.01	194	22.3	8.88	6.00E	41.8	133	40.5B	31.8B	30
31	6.00B		23.0B		187		8.88	5.80E		138		31.0B	31
TOTAL	249.13	232.84	500.6	653.17	3 152.62	2 945.4	271.43	282.80	987.20	1 718.5	2 048.1	1 177.0	TOTAL
MEAN	8.04	8.33	16.2	21.8	102	98.2	8.76	9.12	32.9	55.4	66.2	38.0	MEAN
MAX	9.98	12.2	23.0	44.6	218	183	20.9	14.6	83.8	138	136	44.0	MAX
MIN	6.00	5.40	10.5	8.01	5.82	22.3	5.46	5.80	5.80	30.7	33.0	31.0	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.9
MAXIMUM DAILY, 218 ON MAY 26
MINIMUM DAILY, 5.40B ON FEB 3
MAXIMUM INSTANTANEOUS,
218 AT 08:36 MST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 03 N
LONG 111 46 00 W
DRAINAGE AREA, 27 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 900	JUL	33 500
FEB	20 100	AUG	26 400
MAR	43 300	SEP	85 300
APR	56 400	OCT	148 000
MAY	272 000	NOV	177 000
JUN	254 000	DEC	102 000

TOTAL DISCHARGE, 1 220 000 dam³

OLDMAN RIVER NEAR WALDRON'S CORNER - STATION NO. 05AA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.450	1.380	1.620	2.230	12.1	35.5	9.06	4.29	3.47	9.05	10.3	4.750	1
2	1.500	1.390	1.560	2.300	15.1	35.6	8.95	4.25	4.15	9.30	10.5	4.600	2
3	1.540	1.400	1.470	2.400	23.4	33.0	8.21	4.57	4.21	9.15	10.0	4.920	3
4	1.580	1.400	1.500	2.510	26.6	30.4	7.94	4.37	4.26	9.43	10.3	4.990	4
5	1.640	1.410	1.560	2.620	19.5	28.7	7.68	4.18	4.22	9.44	9.76	5.220	5
6	1.620	1.380	1.620	2.750	16.6	29.7	7.32	4.16	5.23	8.78	8.69	5.380	6
7	1.660	1.360	1.670	2.900	16.3	31.3	7.07	4.08	4.85	7.48	8.02	5.280	7
8	1.520	1.320	1.750	3.050	16.7	29.0	6.77	4.06	4.61	7.80	7.000	5.100	8
9	1.520	1.320	1.780	3.230	16.5	40.1	6.52	4.48	4.62	6.91	6.200	4.530	9
10	1.500	1.270	1.900	3.230	16.5	32.9	6.33	4.78	4.76	6.06	5.700	4.700	10
11	1.500	1.270	1.850	5.000	14.8	28.7	6.18	4.25	5.60	6.04	4.210	4.420	11
12	1.700	1.300	2.060	5.77	13.0	26.7	6.01	4.38	20.0	7.76	3.900	4.850	12
13	1.730	1.300	2.050	6.02	12.0	25.4	5.87	4.46	35.8	7.36	4.500	4.870	13
14	1.680	1.310	2.030	14.6	13.3	23.6	5.83	4.15	24.4	7.18	5.220	4.640	14
15	1.630	1.320	2.000	11.2	13.4	22.7	5.87	4.78	18.6	7.91	7.000	4.800	15
16	1.660	1.340	1.970	8.58	16.2	21.6	5.71	5.67	15.6	9.31	5.660	4.800	16
17	1.650	1.360	1.960	8.37	18.7	19.6	5.61	5.60	14.5	10.8	5.480	4.860	17
18	1.630	1.400	1.900	8.01	23.1	17.9	5.71	5.13	14.0	9.89	5.350	4.820	18
19	1.600	1.430	1.850	7.89	20.9	17.1	5.72	4.62	12.9	9.61	5.050	4.190	19
20	1.540	1.450	1.800	8.54	20.5	17.9	5.48	4.64	11.7	10.5	5.650	4.210	20
21	1.530	1.530	1.750	8.74	21.1	17.6	5.24	4.76	12.3	10.7	5.600	4.020	21
22	1.540	1.600	1.730	9.09	21.7	16.4	5.05	5.12	12.5	10.8	5.350	3.800	22
23	1.560	1.600	1.750	9.26	22.7	16.3	5.17	4.88	12.0	10.5	5.100	3.610	23
24	1.620	1.560	1.770	9.76	22.8	13.1	5.06	4.80	11.3	9.77	5.050	3.190	24
25	1.650	1.550	1.800	9.80	20.6	12.1	4.87	4.43	11.0	11.1	4.850	3.630	25
26	1.600	1.620	1.850	9.17	20.7	11.3	4.80	4.28	11.1	10.7	4.900	3.600	26
27	1.630	1.600	1.800	9.44	20.4	10.6	4.86	4.36	11.6	11.2	4.800	3.350	27
28	1.670	1.600	1.900	9.46	27.5	9.92	4.81	4.19	10.0	11.4	4.750	3.400	28
29	1.630		2.000	13.3	20.9	9.85	4.65	4.00	9.80	11.5	4.700	3.130	29
30	1.610		2.070	11.6	21.1	9.49	4.61	3.97	9.95	11.7	4.700	2.960	30
31	1.390		2.150		22.3		4.36	3.90		10.7		3.070	31
TOTAL	48.91	39.70	56.63	190.47	713.0	696.62	187.96	139.96	339.80	286.11	183.66	126.68	TOTAL
MEAN	1.58	1.42	1.82	6.02	23.0	23.2	6.06	4.51	11.0	9.23	5.47	4.19	MEAN
MAX	1.73	1.66	2.15	14.6	26.7	67.0	9.06	5.67	36.8	14.4	10.8	5.38	MAX
MIN	1.39	1.26	1.47	2.22	12.0	9.49	4.36	3.90	3.47	9.01	3.90	2.36	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.25
MAXIMUM DAILY, 67.0 ON JUN 8
MINIMUM DAILY, 1.260 ON FEB 10
MAXIMUM INSTANTANEOUS,
70.7 AT 03:05 MST ON JUN 8

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 50 N
LONG 114 11 00 W
DRAINAGE AREA, 1 440 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 230	JUL	16 200
FEB	3 430	AUG	12 100
MAR	4 880	SEP	28 800
APR	16 500	OCT	25 600
MAY	61 600	NOV	15 800
JUN	60 100	DEC	11 100

TOTAL DISCHARGE, 290 000 dam³

SHETRES CREEK NEAR PATRICIA - STATION NO. 05CJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.83	0.850	3.88	3.24	2.38	0.946	1.78	0.382	---	1
2	---	---	0 B	1.48	0.814	3.81	3.34	2.24	0.824	1.84	0.348	---	2
3	---	---	0 B	1.18	0.818	3.80	3.85	3.83	0.812	2.04	0.316	---	3
4	---	---	0 B	0.834	0.488	3.98	3.17	3.04	0.813	2.12	0.167	---	4
5	---	---	0 B	0.707	0.449	3.98	3.88	3.27	0.702	2.04	0.1888	---	5
6	---	---	0 B	0.870	0.3788	3.81	3.00	3.33	0.690	1.98	0.1438	---	6
7	---	---	0 B	0.488	0.1808	3.96	3.06	3.38	0.778	1.17	0.1318	---	7
8	---	---	0.0788	0.488	0.1038	3.78	3.28	3.78	0.481	0.884	0.1288	---	8
9	---	---	0.1118	0.433	0.1008	3.88	3.28	4.48	0.378	0.882	0.0708	---	9
10	---	---	0.0378	0.431	0.1008	4.87	3.35	4.88	0.348	0.884	0.0488	---	10
11	---	---	0.0808	0.388	0.0958	3.98	3.23	4.88	0.370	1.13	0.0288	---	11
12	---	---	0.0488	0.343	0.0958	3.35	2.88	4.88	0.772	0.807	0.0308	---	12
13	---	---	0.0508	0.338	0.0908	3.89	3.84	3.84	1.28	0.812	0.0488	---	13
14	---	---	0.3008	0.312	0.2308	3.80	3.45	3.33	1.08	0.453	0.0588	---	14
15	---	---	2.00 B	0.314	0.434	3.98	3.47	3.33	0.986	0.407	0.0888	---	15
16	---	---	4.25 B	0.332	0.738	4.38	2.87	3.86	0.882	0.364	0.0738	---	16
17	---	---	4.68 B	0.350	0.814	4.05	3.38	3.44	0.861	0.364	0.0888	---	17
18	---	---	4.85 B	0.378	0.943	3.21	4.88	2.87	0.842	0.308	0.0458	---	18
19	---	---	4.80 B	0.387	1.08	3.07	3.82	2.83	0.884	0.278	---	---	19
20	---	---	4.31 B	0.484	1.32	3.32	3.78	2.86	0.884	0.880	---	---	20
21	---	---	3.25 B	0.881	1.38	3.88	3.88	2.44	1.02	0.716	---	---	21
22	---	---	1.88 B	0.878	1.73	4.84	3.77	3.31	1.00	0.830	---	---	22
23	---	---	0.8988	0.484	1.87	4.48	4.17	3.38	0.878	0.451	---	---	23
24	---	---	0.5008	0.383	1.88	4.47	4.15	2.78	1.00	0.430	---	---	24
25	---	---	0.3508	0.807	2.38	4.33	4.42	3.71	1.38	0.431	---	---	25
26	---	---	0.2008	1.81	2.87	3.58	3.75	2.78	1.48	0.402	---	---	26
27	---	---	0.1138	1.18	2.88	3.34	3.86	2.87	1.48	0.384	---	---	27
28	---	---	0.0858	0.818	3.02	3.17	3.81	1.82	1.84	0.381	---	---	28
29	---		0.1128	0.883	3.88	3.78	3.82	1.48	1.80	0.310	---	---	29
30	---		0.2238	0.877	2.87	3.08	3.88	1.27	1.87	0.301	---	---	30
31	---		0.3008		2.78		3.38	1.17		0.288		---	31
TOTAL	---	---	31.881	19.471	34.880	108.28	105.78	90.83	30.111	24.638	---	---	TOTAL
MEAN	---	---	1.03	0.649	1.12	3.84	3.41	2.83	1.00	0.801	---	---	MEAN
MAX	---	---	4.88	1.81	3.08	4.87	4.88	4.88	1.87	2.12	---	---	MAX
MIN	---	---	0	0.312	0.888	3.81	3.24	1.17	0.348	0.278	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.81
MAXIMUM DAILY, 4.88 ON JUL 15
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 00 N
LONG 111 41 15 W
DRAINAGE AREA, 488 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9 140
FEB	---	AUG	7 850
MAR	2 700	SEP	2 000
APR	1 880	OCT	2 150
MAY	3 010	NOV	---
JUN	8 150	DEC	---

TOTAL DISCHARGE, 38 400 dam³

OWL RIVER BELOW PICHE RIVER - STATION NO. 07CA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.950	2.090	11.4	16.8	9.07	4.53	1.42	1.81	---	---	1
2	---	---	1.950	2.650	11.8	16.4	8.84	4.28	1.40	1.81	---	---	2
3	---	---	1.950	3.190	12.0	15.9	8.73	3.96	1.57	1.78	---	---	3
4	---	---	1.950	3.350	13.0	15.3	8.43	3.73	1.82	1.81	---	---	4
5	---	---	1.950	3.650	14.4	14.9	8.18	3.59	1.78	1.82	---	---	5
6	---	---	1.950	3.790	16.2	14.3	7.87	3.33	1.88	1.78	---	---	6
7	---	---	1.890	3.990	17.6	13.6	7.72	3.13	1.98	1.82	---	---	7
8	---	---	1.950	4.190	27.1	13.5	7.51	3.18	2.04	1.98	---	---	8
9	---	---	1.950	4.350	32.5	13.3	7.36	3.12	2.10	2.03	---	---	9
10	---	---	1.950	4.770	36.3	13.0	7.19	3.03	1.98	2.28	---	---	10
11	---	---	1.950	5.110	35.7	12.8	6.88	2.85	1.83	2.27	---	---	11
12	---	---	1.850	5.950	36.2	12.6	6.54	2.67	1.78	2.25	---	---	12
13	---	---	1.850	6.650	36.0	12.3	6.33	2.64	1.88	2.20	---	---	13
14	---	---	1.850	6.150	36.8	12.1	6.07	2.68	1.82	2.11	---	---	14
15	---	---	1.850	6.370	36.3	11.8	6.00	2.60	1.88	2.11	---	---	15
16	---	---	1.898	7.70	36.2	11.6	5.80	2.32	1.98	2.23	---	---	16
17	---	---	1.618	8.37	36.8	11.6	5.68	2.25	1.48	2.26	---	---	17
18	---	---	1.648	8.61	36.2	11.4	5.36	2.23	1.48	2.27	---	---	18
19	---	---	1.698	8.94	33.4	10.8	5.13	2.10	1.53	2.27	---	---	19
20	---	---	1.758	8.85	31.3	10.4	4.85	1.98	1.61	2.47	---	---	20
21	---	---	1.808	8.75	29.1	10.2	4.71	1.86	1.51	2.48	---	---	21
22	---	---	1.808	9.13	27.2	10.2	4.67	1.80	1.48	2.48	---	---	22
23	---	---	1.708	8.80	25.5	10.1	4.55	1.81	1.43	2.44	---	---	23
24	---	---	1.808	8.67	23.7	10.2	4.65	1.83	1.48	2.38	---	---	24
25	---	---	1.588	8.95	22.9	10.2	4.98	1.76	1.55	2.41	---	---	25
26	---	---	1.558	8.44	21.7	10.1	4.87	1.83	1.58	2.39	---	---	26
27	---	---	1.558	8.87	20.4	9.83	4.77	1.88	1.88	2.32	---	---	27
28	---	---	1.658	10.0	19.3	9.78	4.88	1.86	1.73	2.008	---	---	28
29	---		1.538	10.3	18.4	9.53	4.87	1.68	1.74	1.878	---	---	29
30	---		1.048	10.6	17.7	9.34	5.10	1.48	1.77	1.838	---	---	30
31	---		1.778		17.4		4.85	1.87		1.808			31
TOTAL	---	---	49.98	201.59	705.2	384.19	191.88	78.38	49.82	65.24	---	---	TOTAL
MEAN	---	---	1.80	8.72	25.7	12.1	6.18	2.83	1.85	2.10	---	---	MEAN
MAX	---	---	1.80	10.8	36.8	16.8	9.07	4.83	2.10	2.48	---	---	MAX
MIN	---	---	1.83	2.08	11.4	9.34	4.85	1.45	1.40	1.80	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.33
MAXIMUM DAILY, 36.8 ON MAY 14
MINIMUM DAILY, 1.40 ON SEP 2
MAXIMUM INSTANTANEOUS,
40.2 AT 12:22 MST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 38 N
LONG 111 51 16 W
DRAINAGE AREA, 3 080 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	19 800
FEB	---	AUG	8 770
MAR	4 280	SEP	4 290
APR	17 400	OCT	5 840
MAY	68 700	NOV	---
JUN	31 900	DEC	---

TOTAL DISCHARGE, 185 000 dam³

PADDLE RIVER AT BARRHEAD - STATION NO. 07BD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.7800	14.6 B	7.89	1.47	19.5	0.888	3.20	3.89	0.9888	---	1
2	---	---	0.7800	26.3 B	7.33	1.33	14.3	0.801	3.24	3.78	1.18 B	---	2
3	---	---	0.7300	32.1 B	7.76	1.27	10.9	0.743	3.25	3.85	1.80 B	---	3
4	---	---	0.7000	30.2 B	8.14	1.30	8.25	0.880	3.15	3.19	2.50 B	---	4
5	---	---	0.6800	28.6 B	8.30	1.03	6.24	0.854	1.88	0.816	3.01 B	---	5
6	---	---	0.6800	26.8 B	7.94	0.784	4.83	0.831	1.24	0.414	2.55 B	---	6
7	---	---	0.6548	28.7 B	7.36	0.806	3.28	0.884	1.84	0.445	3.52 B	---	7
8	---	---	0.6308	18.0 B	8.84	0.832	2.32	0.763	2.05	0.484	---	---	8
9	---	---	0.6408	18.2 B	8.81	0.385	1.98	0.843	2.08	0.732	---	---	9
10	---	---	0.7300	18.8	8.32	0.358	1.81	0.893	2.13	0.891	---	---	10
11	---	---	0.7700	18.3	8.75	0.658	1.38	0.787	2.13	0.814	---	---	11
12	---	---	0.7300	18.8	8.15	0.333	1.36	0.829	4.02	0.872	---	---	12
13	---	---	0.7700	18.4	8.88	0.381	1.28	0.848	4.28	0.888	---	---	13
14	---	---	0.7808	18.8	8.45	0.433	1.03	0.848	8.82	0.838	---	---	14
15	---	---	0.7408	18.0	8.28	0.488	0.914	1.18	17.8	1.28	---	---	15
16	---	---	0.7808	18.4	4.81	0.461	0.803	1.38	13.7	1.28	---	---	16
17	---	---	1.38 B	18.8	4.31	0.193	0.773	1.86	10.3	1.71	---	---	17
18	---	---	4.42 B	14.8	3.83	0.183	0.828	1.88	8.10	2.28	---	---	18
19	---	---	13.0 B	13.4	1.87	0.131	0.882	1.36	8.80	1.74	---	---	19
20	---	---	18.1 B	12.3	1.33	0.381	0.886	1.38	8.87	1.48	---	---	20
21	---	---	18.7 B	11.1	1.08	0.385	0.884	1.27	4.82	1.28	---	---	21
22	---	---	13.8 B	8.78	0.883	0.484	0.886	1.18	4.28	1.28	---	---	22
23	---	---	8.02 B	8.73	0.883	1.28	0.471	1.02	4.18	1.28	---	---	23
24	---	---	6.68 B	8.81	0.868	2.41	0.885	0.988	3.88	1.23	---	---	24
25	---	---	5.80 B	8.83	0.788	22.8	0.843	0.818	3.77	1.87	---	---	25
26	---	---	4.81 B	10.8	0.788	42.8	0.801	1.01	3.87	3.23	---	---	26
27	---	---	4.87 B	10.2	0.788	88.8	0.488	1.02	3.88	3.38	---	---	27
28	---	---	4.36 B	8.88	0.888	88.8	0.874	1.08	3.43	3.34	---	---	28
29	---		4.18 B	8.87	0.888	38.7	0.838	1.18	3.27	3.31	---	---	29
30	---		3.78 B	7.83	0.818	38.8	0.833	1.38	3.84	1.73	---	---	30
31	---		4.82 B		1.83		0.878	3.18		1.12 B		---	31
TOTAL	---	---	118.734	487.88	138.378	288.332	89.113	33.474	148.38	48.388	---	---	TOTAL
MEAN	---	---	3.88	18.3	4.47	8.81	2.87	1.08	4.88	1.88	---	---	MEAN
MAX	---	---	18.7	32.1	8.38	88.8	19.8	3.18	17.8	3.38	---	---	MAX
MIN	---	---	0.838	7.83	0.788	0.183	0.471	0.831	1.24	0.448	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.35
MAXIMUM DAILY, 88.8 ON JUN 27
MINIMUM DAILY, 0.183 ON JUN 18
MAXIMUM INSTANTANEOUS,
87.2 AT 18:18 MST ON JUN 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 48 N
LONG 114 23 58 W
DRAINAGE AREA, 3 380 km²

B - ICE CONDITIONS

REGULATED SINCE 1984

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	7 700
FEB	---	AUG	3 600
MAR	10 300	SEP	12 800
APR	42 200	OCT	4 200
MAY	11 300	NOV	---
JUN	33 100	DEC	---

TOTAL DISCHARGE, 113 000 dam³

PADDLE RIVER AT HIGHWAY NO. 754 - STATION NO. 07EB013

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	5.102E	5.725	4.809	4.151	5.417	3.992	4.336	4.482	4.048	---	1
2	---	---	5.102E	5.140	4.786	4.145	5.118	3.980	4.336	4.476	4.110	---	2
3	---	---	5.102E	5.145	4.760	4.130	4.905	3.971	4.332	4.468	4.340	---	3
4	---	---	5.102A	5.138	4.767	4.080	4.714	3.960	4.190	4.183	4.350A	---	4
5	---	---	4.980	5.872	4.774	4.049	4.555	3.958	3.986	4.061	---	---	5
6	---	---	4.844	5.766	4.766	4.014	4.432	3.944	4.051	4.017	---	---	6
7	---	---	4.631	5.958	4.760	3.985	4.322	3.939	4.260	4.023	---	---	7
8	---	---	4.605	5.477	4.803	3.958	4.252	3.940	4.277	4.073	---	---	8
9	---	---	4.901	5.435	4.880	3.961	4.206	3.935	4.276	4.039	---	---	9
10	---	---	5.438	5.418	4.834	3.962	4.156	3.928	4.277	4.011	---	---	10
11	---	---	5.605	5.488	4.836	3.930	4.139	3.918	4.354	3.996	---	---	11
12	---	---	5.386	5.508	4.811	3.952	4.102	3.919	4.436	3.991	---	---	12
13	---	---	5.263	5.471	4.808	3.980	4.100	3.934	4.623	4.007	---	---	13
14	---	---	5.186	5.342	4.995	3.979	4.084	3.946	5.482	4.054	---	---	14
15	---	---	5.057	5.880	4.976	3.969	4.087	4.015	5.634	4.084	---	---	15
16	---	---	5.493	5.819	4.562	3.936	4.066	4.138	5.231	4.129	---	---	16
17	---	---	5.838	5.681	4.612	3.967	4.049	4.203	5.070	4.288	---	---	17
18	---	---	6.366	5.358	4.377	3.960	4.023	4.133	4.921	4.248	---	---	18
19	---	---	6.606	5.268	4.110	3.936	3.999	4.093	4.772	4.197	---	---	19
20	---	---	6.467	5.137	4.073	3.923	3.987	4.061	4.694	4.154	---	---	20
21	---	---	6.300	5.081	4.062	3.913	3.970	4.054	4.636	4.127	---	---	21
22	---	---	5.993	4.943	4.050	3.909	3.964	4.036	4.670	4.116	---	---	22
23	---	---	5.709	4.678	4.027	3.927	3.959	4.014	4.548	4.093	---	---	23
24	---	---	5.599	4.926	4.011	4.000	3.951	4.009	4.588	4.101	---	---	24
25	---	---	5.851	4.994	4.011	5.617	3.948	4.011	4.570	4.383	---	---	25
26	---	---	5.832	4.983	4.028	7.551	3.986	4.005	4.591	4.435	---	---	26
27	---	---	5.672	4.972	4.032	7.532	4.010	3.994	4.580	4.431	---	---	27
28	---	---	5.582	4.898	4.033	6.844	4.036	3.983	4.549	4.419	---	---	28
29	---	---	5.618	4.814	4.045	5.287	4.026	3.991	4.532	4.387	---	---	29
30	---	---	5.586	4.787	4.142	5.844	4.023	4.226	4.510	4.088	---	---	30
31	---		5.736		4.190		4.006	4.336		4.039		---	31
MEAN	---	---	5.510	5.389	4.408	4.585	4.212	4.018	4.576	4.174	---	---	MEAN
MAX	---	---	6.604	5.966	4.809	7.551	5.417	4.336	5.634	4.482	---	---	MAX
MIN	---	---	4.605	4.787	4.011	3.909	3.948	3.919	3.986	3.991	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 7.551 ON JUN 26

MAXIMUM INSTANTANEOUS,
7.757 AT 22:50 MST ON JUN 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 54 N
LONG 114 40 12 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
1 720 km²

PADDLE RIVER NEAR ANSELMO - STATION NO. 07EB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.7530	2.210	1.76	0.998	1.77	0.310	1.32	1.33	0.6290	---	1
2	---	---	0.5670	3.540	1.89	0.816	1.48	0.228	1.41	1.31	0.6250	---	2
3	---	---	0.5760	2.400	1.84	0.614	0.928	0.251	1.58	1.09	0.6090	---	3
4	---	---	0.6000	1.550	1.84	0.584	0.812	0.219	1.76	0.959	0.6100	---	4
5	---	---	0.6440	1.200	1.54	0.497	0.598	0.310	1.98	0.875	---	---	5
6	---	---	0.6760	1.430	1.37	0.404	0.158	0.305	2.26	0.766	---	---	6
7	---	---	0.7260	1.700	1.28	0.303	0.139	0.307	2.81	0.683	---	---	7
8	---	---	0.7885	2.300	1.19	0.262	0.167	0.347	2.94	0.682	---	---	8
9	---	---	0.6139	3.700	1.14	0.270	0.161	0.363	3.21	0.694	---	---	9
10	---	---	0.6529	3.430	1.09	0.318	0.159	0.383	3.19	0.683	---	---	10
11	---	---	0.6970	3.600	1.04	0.358	0.148	0.358	3.12	0.661	---	---	11
12	---	---	0.9388	4.750	0.985	0.384	0.144	0.368	3.39	0.693	---	---	12
13	---	---	0.8700	5.440	0.937	0.378	0.165	0.339	10.3	0.735	---	---	13
14	---	---	0.8889	5.870	0.934	0.333	0.217	0.336	14.4	0.795	---	---	14
15	---	---	1.07 E	5.43	0.883	0.473	0.232	0.313	7.40	0.807	---	---	15
16	---	---	1.54 E	5.43	0.865	0.478	0.236	0.618	5.20	1.04	---	---	16
17	---	---	2.42 E	4.78	0.831	0.425	0.288	0.366	4.28	1.05	---	---	17
18	---	---	3.30 E	4.48	0.788	0.377	0.278	0.297	3.89	1.02	---	---	18
19	---	---	3.13 E	3.80	0.748	0.338	0.413	0.295	3.63	0.913	---	---	19
20	---	---	2.40 E	3.44	0.737	0.303	0.403	0.330	3.48	0.889	---	---	20
21	---	---	1.77 E	3.04	0.835	0.289	0.287	0.393	3.33	0.826	---	---	21
22	---	---	1.14 E	3.78	0.846	0.278	0.324	0.358	3.23	0.800	---	---	22
23	---	---	0.7700	2.85	0.493	0.897	0.267	0.308	2.88	0.788	---	---	23
24	---	---	0.6299	3.61	0.456	12.7	0.299	0.334	2.73	0.755	---	---	24
25	---	---	0.6210	3.00	0.588	28.0	0.308	0.309	2.63	0.735	---	---	25
26	---	---	0.3900	2.77	0.601	13.8	0.256	0.277	2.39	0.7088	---	---	26
27	---	---	0.3498	3.54	0.678	8.88	0.239	0.308	3.12	0.6858	---	---	27
28	---	0.3838	0.4338	2.31	0.788	6.07	0.200	0.409	1.67	0.6788	---	---	28
29	---		0.4618	2.11	1.10	3.88	0.233	0.498	1.67	0.6868	---	---	29
30	---		0.5838	1.93	1.30	2.47	0.339	0.870	1.47	0.6818	---	---	30
31	---		0.9088		1.11		0.230	0.943		0.6178		---	31
TOTAL	---	---	32.633	103.30	31.999	83.388	11.436	10.330	105.57	25.508	---	---	TOTAL
MEAN	---	---	1.05	3.44	1.03	2.78	0.369	0.330	3.52	0.823	---	---	MEAN
MAX	---	---	3.30	5.87	1.84	28.0	1.77	0.943	14.4	1.33	---	---	MAX
MIN	---	---	0.360	1.90	0.456	0.303	0.139	0.307	1.32	0.617	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.05
MAXIMUM DAILY, 28.0 ON JUN 25
MINIMUM DAILY, 0.139 ON JUL 7
MAXIMUM INSTANTANEOUS,
32.7 AT 06:30 MST ON JUN 25

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 01 20 N
LONG 115 31 45 W
DRAINAGE AREA, 391 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	888
FEB	---	AUG	884
MAR	2 800	SEP	9 130
APR	8 830	OCT	2 200
MAY	2 760	NOV	---
JUN	7 390	DEC	---

TOTAL DISCHARGE, 34 900 dam³

PADDLE RIVER NEAR ROCHFORT BRIDGE - STATION NO. 07FB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.7002	3.368	3.83	0.011	6.37	0.011	3.72	2.20	0.142	---	1
2	---	---	0.6208	3.748	3.66	0.014	5.84	0.013	2.88	2.15	0.247	---	2
3	---	---	0.5008	3.798	3.86	0.022	4.83	0.018	1.46	0.788	0.234	---	3
4	---	---	0.3708	3.728	3.82	0.024	4.04	0.016	0.020	0.031	0.2288	---	4
5	---	---	0.2608	3.788	3.77	0.025	3.29	0.025	0.984	0.076	---	---	5
6	---	---	0.2788	3.85	3.80	0.026	2.66	0.030	2.21	0.114	---	---	6
7	---	---	0.2808	3.88	3.79	0.026	1.96	0.018	2.26	0.098	---	---	7
8	---	---	0.3008	3.86	3.78	0.009	1.55	0.051	2.26	0.017	---	---	8
9	---	---	0.3308	4.01	3.73	0	1.28	0.042	2.30	0.182	---	---	9
10	---	---	0.3588	4.06	3.71	0	1.38	0.082	2.67	0.188	---	---	10
11	---	---	0.4008	4.09	3.68	0	1.48	0.078	3.41	0.188	---	---	11
12	---	---	0.5508	5.27	3.64	0	0.984	0.108	4.03	0.188	---	---	12
13	---	---	0.7008	6.52	3.58	0	0.646	0.118	4.16	0.209	---	---	13
14	---	---	0.9408	7.30	3.48	0	0.322	0.198	4.08	0.214	---	---	14
15	---	---	1.50 B	8.84	3.45	0.003	0.176	0.412	5.91	0.224	---	---	15
16	---	---	2.10 B	9.13	3.40	0.001	0.011	0.440	6.50	0.239	---	---	16
17	---	---	3.50 B	8.14	1.84	0.003	0.007	0.402	4.82	0.239	---	---	17
18	---	---	4.23 B	7.01	0	0.007	0.003	0.405	3.75	0.258	---	---	18
19	---	---	5.45 B	6.31	0	0.091	0.006	0.373	3.05	0.279	---	---	19
20	---	---	3.68 B	5.79	0	0.148	0.012	0.376	2.84	0.074	---	---	20
21	---	---	2.94 B	5.20	0	0.145	0.025	0.320	2.80	0.070	---	---	21
22	---	---	0.2328	4.72	0	0.208	0.059	0.278	2.78	0.098	---	---	22
23	---	---	0.0768	4.32	0	0.694	0.082	0.287	2.73	0.338	---	---	23
24	---	---	0.0328	4.21	0	3.55	0.132	0.332	2.72	0.898	---	---	24
25	---	---	0.0188	4.32	0	20.0	0.097	0.377	2.88	0.702	---	---	25
26	---	---	0.0048	4.28	0	31.0	0.051	0.348	2.70	0.731	---	---	26
27	---	---	0.0048	4.25	0	24.9	0.032	0.318	2.68	0.702	---	---	27
28	---	DR	0.0098	4.17	0.001	19.9	0.030	0.559	2.59	0.184	---	---	28
29	---		1.71 B	4.07	0.004	16.4	0.020	1.98	2.48	0.004	---	---	29
30	---		4.58 B	4.00	0.008	12.5	0.016	2.69	2.33	0.004	---	---	30
31	---		3.37 B		0.011		0.012	2.73		0.002		---	31
TOTAL	---	---	39.626	151.35	80.672	129.609	39.284	13.005	88.584	11.397	---	---	TOTAL
MEAN	---	---	1.28	5.05	1.95	4.32	1.27	0.420	2.95	0.368	---	---	MEAN
MAX	---	---	5.45	9.13	3.83	31.0	6.37	2.73	6.50	2.20	---	---	MAX
MIN	---	---	0.004	3.35	0	0	0.003	0.011	0.020	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.18
MAXIMUM DAILY, 31.0 ON JUN 26
MINIMUM DAILY, 0 ON MAY 16
MAXIMUM INSTANTANEOUS, 32.6 AT 07:05 MST ON JUN 26

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 53 44 N
LONG 115 03 37 W
DRAINAGE AREA, 625 km²

B - ICE CONDITIONS

REGULATED SINCE 1964

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 390
FEB	---	AUG	1 120
MAR	3 440	SEP	7 650
APR	13 100	OCT	985
MAY	5 250	NOV	---
JUN	11 200	DEC	---

TOTAL DISCHARGE, 45 100 dam³

PADDLE RIVER NEAR SANGUDO - STATION NO. 07FB013

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.083	3.384	3.694	3.231	3.385	3.047	2.577	2.782	2.203	---	1
2	---	---	3.849	3.703	3.674	3.300	3.098	3.051	2.672	2.786	3.476	---	2
3	---	---	3.941	3.576	3.667	3.209	2.931	3.025	2.695	3.689	3.658	---	3
4	---	---	3.841	3.417	3.667	3.162	2.811	3.025	3.138	3.230	3.536A	---	4
5	---	---	3.727	3.247	3.891	3.134	2.887	3.000	1.894	3.116	---	---	5
6	---	---	3.657	3.177	3.906	3.093	2.815	1.995	2.448	3.098	---	---	6
7	---	---	3.610	3.146	3.675	3.078	3.503	1.961	2.625	3.132	---	---	7
8	---	---	3.896	3.116	3.632	3.057	3.433	2.002	2.604	3.188	---	---	8
9	---	---	3.276	3.108A	3.632	3.008	3.373	1.998	3.495	3.086	---	---	9
10	---	---	3.252	3.236A	3.801	1.987	2.334	1.975	3.906	2.953	---	---	10
11	---	---	3.200	3.323'	3.805	1.988	3.312	1.970	3.948	3.038	---	---	11
12	---	---	3.120	3.351	3.764	1.973	2.236	1.978	2.746	3.096	---	---	12
13	---	---	3.033	3.359	3.801	2.007	3.167	1.982	3.193	3.083	---	---	13
14	---	---	3.882	3.483	3.764	3.002	3.145	2.018	4.081	3.096	---	---	14
15	---	---	3.148	3.881	3.783	3.010	3.136	3.185	3.783	2.128	---	---	15
16	---	---	3.995	3.805	3.736	3.040	3.105	3.385	3.637	2.384	---	---	16
17	---	---	3.826	3.484	3.678	3.063	3.071	3.318	3.393	2.605	---	---	17
18	---	---	4.239	3.397	3.263	3.035	2.873	3.231	3.167	2.411	---	---	18
19	---	---	4.421	3.334	3.172	1.996	3.067	3.187	3.995	2.337	---	---	19
20	---	---	4.171	3.202	3.137	1.969	2.014	3.178	3.924	3.282	---	---	20
21	---	---	3.918	3.148	3.098	1.938	2.010	3.135	3.913	3.388	---	---	21
22	---	---	3.827	3.032	3.084	1.911	1.984	3.078	3.909	3.236	---	---	22
23	---	---	3.198	2.972	3.033	1.935	1.970	3.051	2.867	3.209	---	---	23
24	---	---	3.088	3.015	3.013	3.881	1.978	3.077	3.887	3.338	---	---	24
25	---	---	3.050	3.081	3.032	8.039	1.980	3.095	3.870	3.701	---	---	25
26	---	---	3.058	3.068	3.095	5.780	3.025	3.093	3.884	2.684	---	---	26
27	---	---	2.993	3.088	3.095	5.032	3.148	3.089	3.883	3.686	---	---	27
28	---	2.438A	2.914	3.033	3.194	4.484	2.131	3.040	3.838	3.680	---	---	28
29	---		2.811	2.884	3.131	4.118	3.084	3.239	3.817	3.383	---	---	29
30	---		2.955	3.927	3.340	3.888	3.073	3.883	3.788	3.173	---	---	30
31	---		3.158		3.388		3.047	3.880		3.264		---	31
MEAN	---	---	3.183	3.384	3.511	3.832	3.388	3.114	3.648	3.318	---	---	MEAN
MAX	---	---	4.421	3.703	3.905	5.780	3.388	3.883	4.081	3.782	---	---	MAX
MIN	---	---	2.810	3.027	3.013	1.911	1.970	1.978	1.884	2.038	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 5.780 ON JUN 26

MAXIMUM INSTANTANEOUS, 5.873 AT 10:10 MST ON JUN 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 28 N
LONG 114 53 38 W

A - MANUAL GAUGE

REGULATED SINCE 1964

DRAINAGE AREA, 1 170 km²

PAINTEARTH CREEK NEAR HALKIRK - STATION NO. 05FC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	4.00 B	0.182	0.033	0.003	0	0.006	0	0	---	1
2	---	---	0 B	5.40 B	0.139	0.035	0.003	0	0.006	0	0	---	2
3	---	---	0 B	3.84	0.107	0.037	0.003	0	0.005	0	0	---	3
4	---	---	0 B	1.93	0.123	0.031	0.002	0	0.004	0	0	---	4
5	---	---	0 B	1.24	0.078	0.012	0.002	0	0.003	0	0A	---	5
6	---	---	0 B	0.839	0.059	0.000	0.001	0	0.003	0	---	---	6
7	---	---	0 B	0.653	0.058	0.003	0.001	0	0.002	0	---	---	7
8	---	---	0 B	0.545	0.054	0.007	0.001	0.002	0.002	0	---	---	8
9	---	---	0 B	0.452	0.058	0.005	0.001	0.005	0.001	0	---	---	9
10	---	---	0 B	0.381	0.063	0.002	0.001	0.005	0.001	0	---	---	10
11	---	---	0 B	0.357	0.067	0.027	0.001	0.001	0	0	---	---	11
12	---	---	0 B	0.352	0.391	0.030	0.002	0.004	0.001	0	---	---	12
13	---	---	0.1008	0.357	0.184	0.028	0.003	0.003	0.001	0	---	---	13
14	---	---	0.0718	0.385	0.132	0.026	0.003	0.002	0.001	0	---	---	14
15	---	---	0.0398	0.370	0.102	0.021	0.003	0.013	0.001	0	---	---	15
16	---	---	1.88 B	0.335	0.084	0.018	0.003	0.010	0.001	0	---	---	16
17	---	---	3.04 B	0.338	0.036	0.016	0.003	0.008	0	0	---	---	17
18	---	---	3.11 B	0.318	0.042	0.013	0.003	0.007	0	0	---	---	18
19	---	---	3.01 B	0.328	0.031	0.011	0.003	0.005	0	0	---	---	19
20	---	---	2.83 B	0.359	0.018	0.009	0.004	0.005	0	0	---	---	20
21	---	---	2.65 B	0.388	0.014	0.007	0.003	0.005	0	0	---	---	21
22	---	---	4.07 B	0.407	0.005	0.005	0.002	0.306	0	0	---	---	22
23	---	---	1.88 B	0.451	0.003	0.007	0.002	0.188	0	0	---	---	23
24	---	---	1.37 B	0.618	0.002	0.006	0.002	0.117	0	0	---	---	24
25	---	---	1.38 B	0.790	0.003	0.006	0.001	0.007	0	0	---	---	25
26	---	---	1.30 B	0.873	0.021	0.005	0	0.033	0	0	---	---	26
27	---	---	1.13 B	0.781	0.030	0.004	0	0.015	0	0	---	---	27
28	---	---	0.8378	0.660	0.177	0.004	0	0.008	0	0	---	---	28
29	---		1.26 B	0.384	0.108	0.003	0	0.007	0	0	---	---	29
30	---		1.08 B	0.301	0.039	0.003	0	0.006	0	0	---	---	30
31	---		2.05 B		0.018		0	0.007		0		---	31
TOTAL	---	---	57.957	26.060	3.432	0.537	0.086	0.526	0.038	0	---	---	TOTAL
MEAN	---	---	1.87	0.868	0.078	0.021	0.002	0.027	0.001	0	---	---	MEAN
MAX	---	---	4.63	5.40	0.391	0.057	0.004	0.306	0.006	0	---	---	MAX
MIN	---	---	0	0.301	0.002	0.003	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.370
MAXIMUM DAILY, 5.40 B ON MAR 30
MINIMUM DAILY, 00 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 23 00 N
LONG 112 09 00 W
DRAINAGE AREA, 190 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6.75
FEB	---	AUG	71.8
MAR	5 010	SEP	3.38
APR	3 480	OCT	0
MAY	310	NOV	---
JUN	94.2	DEC	---

TOTAL DISCHARGE, 7 830 dam³

PARSLEEN CREEK NEAR CHANCELLOR - STATION NO. 05BH007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.384	0.373	0	0	0	0	0	0	---	1
2	---	---	0 B	0.391	0.331	0	0	0	0	0	0	---	2
3	---	---	0 B	0.381	0.183	0	0	0	0	0	0	---	3
4	---	---	0 B	0.319	0.156	0	0	0	0	0	0A	---	4
5	---	---	0 B	0.262	0.139	0	0	0	0	0	---	---	5
6	---	---	0 B	0.214	0.109	0	0	0	0	0	---	---	6
7	---	---	0 B	0.173	0.091	0	0	0	0	0	---	---	7
8	---	---	0 B	0.133	0.071	0	0	0	0	0	---	---	8
9	---	---	0 B	0.100	0.056	0	0	0	0	0	---	---	9
10	---	---	0 B	0.078	0.039	0	0	0	0	0	---	---	10
11	---	---	0 B	0.055	0.028	0	0	0	0	0	---	---	11
12	---	---	0 B	0.036	0.025	0	0	0	0	0	---	---	12
13	---	---	0 B	0.025	0.018	0	0	0	0	0	---	---	13
14	---	---	0 B	0.027	0.013	0	0	0	0	0	---	---	14
15	---	---	0 B	0.027	0.011	0	0	0	0	0	---	---	15
16	---	---	0 B	0.022	0.008	0	0	0	0	0	---	---	16
17	---	---	0 B	0.018	0.008	0	0	0	0	0	---	---	17
18	---	---	0 B	0.015	0.003	0	0	0	0	0	---	---	18
19	---	00	0.0128	0.028	0.001	0	0	0	0	0	---	---	19
20	---	00	0.2008	0.068	0	0	0	0	0	0	---	---	20
21	---	00	4.00 B	0.048	0	0	0	0	0	0	---	---	21
22	---	00	2.95 B	0.108	0	0	0	0	0	0	---	---	22
23	---	00	1.38 B	0.148	0	0	0	0	0	0	---	---	23
24	---	00	0.788	0.168	0	0	0	0	0	0	---	---	24
25	---	00	0.639	0.208	0	0	0	0	0	0	---	---	25
26	---	00	0.648	0.248	0	0	0	0	0	0	---	---	26
27	---	00	0.618	0.268	0	0	0	0	0	0	---	---	27
28	---	00	0.484	0.268	0	0	0	0	0	0	---	---	28
29	---		0.352	0.438	0	0	0	0	0	0	---	---	29
30	---		0.1028	0.337	0	0	0	0	0	0	---	---	30
31	---		0.3278		0		0	0		0		---	31
TOTAL	---	---	13.172	5.488	1.468	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.383	0.183	0.048	0	0	0	0	0	---	---	MEAN
MAX	---	---	4.00	0.388	0.373	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.018	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.078
MAXIMUM DAILY, 4.00 ON MAR 21
MINIMUM DAILY, 00 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 40 N
LONG 112 08 27 W
DRAINAGE AREA, 139 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 050	SEP	0
APR	476	OCT	0
MAY	134	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 660 dam³

PARLBY CREEK AT ALIX - STATION NO. 05CD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0460	1.84	0.838	0.195	0.003	0.001	0.047	0.071	0.329	---	1
2	---	---	0.0460	2.49	0.732	0.139	0.003	0.001	0.024	0.071	0.372	---	2
3	---	---	0.0460	7.77	0.638	0.077	0.003	0.001	0.038	0.070	0.406	---	3
4	---	---	0.0460	13.8	0.533	0.036	0.003	0.001	0.068	0.067	0.343	---	4
5	---	---	0.0460	11.7	0.472	0.032	0.002	0.004	0.068	0.065	0.0008	---	5
6	---	---	0.0460	9.02	0.424	0.075	0.002	0.002	0.004	0.064	0.0054	---	6
7	---	---	0.0460	7.91	0.406	0.108	0.002	0.002	0.003	0.064	---	---	7
8	---	---	0.0460	6.83	0.390	0.188	0.002	0.011	0.017	0.062	---	---	8
9	---	---	0.0460	6.06	0.329	0.172	0.002	0.003	0.064	0.061	---	---	9
10	---	---	0.0460	5.21	0.286	0.136	0.001	0.002	0.036	0.067	---	---	10
11	---	---	0.0460	4.65	0.260	0.094	0.001	0.002	0.018	0.075	---	---	11
12	---	---	0.0460	3.89	0.268	0.071	0.002	0.006	0.006	0.064	---	---	12
13	---	---	0.0460	3.86	0.234	0.068	0.002	0.007	0.022	0.063	---	---	13
14	---	---	0.0460	3.65	0.197	0.038	0.002	0.006	0.065	0.064	---	---	14
15	---	---	0.0460	2.89	0.177	0.030	0.002	0.007	0.007	0.095	---	---	15
16	---	---	0.0460	1.82	0.184	0.035	0.002	0.052	0.020	0.110	---	---	16
17	---	---	0.0960	1.82	0.136	0.013	0.002	0.044	0.006	0.140	---	---	17
18	---	---	0.1100	1.67	0.139	0.013	0.003	0.051	0.003	0.100	---	---	18
19	---	---	0.2000	1.32	0.116	0.014	0.002	0.051	0.006	0.105	---	---	19
20	---	---	0.8500	1.16	0.098	0.055	0.003	0.036	0.006	0.103	---	---	20
21	---	---	1.09 E	1.04	0.116	0.025	0.001	0.041	0.058	0.100	---	---	21
22	---	---	2.12 E	0.889	0.095	0.009	0.001	0.103	0.056	0.226	---	---	22
23	---	---	2.61 E	0.881	0.073	0.005	0.001	0.133	0.054	0.209	---	---	23
24	---	---	2.67 E	0.882	0.078	0.005	0.001	0.108	0.057	0.305	---	---	24
25	---	---	2.67 E	0.921	0.082	0.005	0.001	0.103	0.058	0.318	---	---	25
26	---	---	2.33 E	0.979	0.112	0.004	0.001	0.148	0.074	0.323	---	---	26
27	---	---	2.06 E	1.02	0.124	0.003	0.001	0.111	0.080	0.323	---	---	27
28	---	---	1.89	1.02	0.132	0.003	0.001	0.131	0.076	0.326	---	---	28
29	---		1.81	0.958	0.123	0.003	0.001	0.107	0.073	0.329	---	---	29
30	---		1.87	0.887	0.118	0.003	0.002	0.108	0.072	0.330	---	---	30
31	---		1.77		0.201		0.003	0.088		0.327		---	31
TOTAL	---	---	24.986	105.277	8.078	1.821	0.058	1.831	1.410	5.117	---	---	TOTAL
MEAN	---	---	0.806	3.51	0.261	0.084	0.002	0.059	0.047	0.165	---	---	MEAN
MAX	---	---	2.67	13.8	0.838	0.195	0.003	0.189	0.080	0.337	---	---	MAX
MIN	---	---	0.046	0.881	0.073	0.003	0.001	0.001	0.003	0.061	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.506
MAXIMUM DAILY, 13.8 ON APR 4
MINIMUM DAILY, 0.001 ON JUL 10
MAXIMUM INSTANTANEOUS,
14.5 AT 00:40 MST ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 24 27 N
LONG 113 11 43 W
DRAINAGE AREA, 910 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5.01
FEB	---	AUG	158
MAR	2 190	SEP	122
APR	9 100	OCT	442
MAY	696	NOV	---
JUN	160	DEC	---

TOTAL DISCHARGE, 12 800 dam³

PARLBY CREEK NEAR MIRROR - STATION NO. 05CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	4.57	3.95	0.438	0	0	0.185	0.183E	---	---	1
2	---	---	0 B	4.86	3.79	0.311	0	0	0.157	0.188E	---	---	2
3	---	---	0 B	4.88	3.67	0.274	0	0	0.128	0.184E	---	---	3
4	---	---	0 B	4.82	3.55	0.301	0	0	0.100	0.179E	---	---	4
5	---	---	0 B	5.16	3.37	0.382	0	0.007E	0.072	0.177	---	---	5
6	---	---	0 B	5.51	3.07	0.287	0	0.014E	0.043E	0.174	---	---	6
7	---	---	0 B	6.03	2.85	0.258	0	0.021E	0.038E	0.170	---	---	7
8	---	---	0 B	6.58	2.67	0.243	0	0.028E	0.035E	0.167	---	---	8
9	---	---	0 B	7.13	2.50	0.252	0	0.036E	0.033E	0.210	---	---	9
10	---	---	0 B	7.62	2.36	0.268	0	0.043E	0.030E	0.201	---	---	10
11	---	---	0 B	7.67	2.06	0.331	0	0.050E	0.043E	0.189	---	---	11
12	---	---	0 B	8.24	1.78	0.210	0	0.057E	0.287	0.177	---	---	12
13	---	---	0 B	8.18	1.67	0.308	0	0.064E	0.843	0.171	---	---	13
14	---	---	0 B	7.95	1.14	0.117	0	0.071E	0.449	0.174	---	---	14
15	---	---	0 B	7.85	0.893	0.110E	0	0.110	0.250	0.178	---	---	15
16	---	---	0 B	7.33	0.889	0.102E	0	0.150E	0.190	0.182	---	---	16
17	---	---	0.0539	7.02	0.636	0.095E	0	0.190E	0.184	0.186	---	---	17
18	---	---	0.1088	6.71	0.424	0.088E	0	0.229E	0.167	0.190	---	---	18
19	---	---	0.1088	6.61	0.414	0.080E	0	0.269E	0.100	0.200	---	---	19
20	---	---	0.1100	6.07	0.388	0.073E	0	0.309E	0.079	0.238	---	---	20
21	---	---	0.1399	5.36	0.387	0.068E	0	0.348E	0.100	0.233	---	---	21
22	---	---	0.1448	5.80	0.368	0.068E	0	0.387	0.235	0.236	---	---	22
23	---	---	0.1088	5.83	0.337	0.061E	0	0.367	0.333	0.261	---	---	23
24	---	---	0.0698	5.62	0.331	0.046E	0	0.331	0.257E	0.302	---	---	24
25	---	---	0.0388	5.18	0.333	0.037E	0	0.381	0.233E	0.333	---	---	25
26	---	---	0.0288	4.80	0.384	0.028E	0	0.368	0.210E	0.346	---	---	26
27	---	---	0.0128	4.78	0.342	0.023E	0	0.316	0.213E	0.388	---	---	27
28	---	---	0.0168	4.84	0.342	0.018E	0	0.295	0.208E	0.382	---	---	28
29	---		0.0238	4.35	0.358	0.007E	0	0.316	0.203E	0.382	---	---	29
30	---		1.27 B	4.14	0.388	0	0	0.314	0.198E	0.382	---	---	30
31	---		3.16 B		0.383		0	0.314E		0.382		---	31
TOTAL	---	---	5.382	182.38	48.383	4.821	0	5.817	5.108	7.381	---	---	TOTAL
MEAN	---	---	0.174	6.08	1.48	0.161	0	0.183	0.170	0.237	---	---	MEAN
MAX	---	---	3.16	8.24	3.95	0.511	0	0.367	0.843	0.382	---	---	MAX
MIN	---	---	0	4.14	0.331	0	0	0	0.035	0.167	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.84
MAXIMUM DAILY, 8.24 ON APR 12
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
8.39 AT 12:30 MST ON APR 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 33 50 N
LONG 113 00 40 W
DRAINAGE AREA, 843 km²

B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	433
MAR	488	SEP	441
APR	15 840	OCT	834
MAY	3 020	NOV	---
JUN	417	DEC	---

TOTAL DISCHARGE, 23 190 dam³

PEACE RIVER AT DUNVEGAN BRIDGE - STATION NO. 07FD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1 810	1 880	2 030	1 180	1 600	2 060	1 830	---	1
2	---	---	---	---	1 830	2 050	2 220	1 180	1 610	1 930	1 710	---	2
3	---	---	---	---	1 840	2 130	2 330	1 180	1 380	1 900	1 880	---	3
4	---	---	---	---	1 780	2 390	2 210	1 000A	1 420	1 740	1 730	---	4
5	---	---	---	---	1 830	2 430	2 180	830E	1 840	1 710	1 780	---	5
6	---	---	---	---	1 830	2 500	1 970	858A	1 840	1 860	1 940	---	6
7	---	---	---	---	1 850	2 530	1 820	889	1 890	1 850	1 630	---	7
8	---	---	---	---	1 800	2 390	1 630	822	1 870	1 900	1 710	---	8
9	---	---	---	---	1 810	2 080	1 650	891	1 700	1 870	1 440	---	9
10	---	---	---	---	2 000	1 570	1 690	1 020	1 880	1 890	1 580	---	10
11	---	---	---	---	1 930	1 610	1 880	945	1 840	1 720	1 570	---	11
12	---	---	---	---	1 870	1 800	1 810	881	1 830	1 810	1 540	---	12
13	---	---	---	---	1 880	2 030	1 800	858	1 840	1 780	1 550	---	13
14	---	---	---	---	1 830	2 100	1 720	898	1 880	1 880	1 530	---	14
15	---	---	---	---	1 950	2 080	1 670	947	1 910	1 850	1 880	---	15
16	---	---	---	---	1 810	2 080	1 380	1 030	2 490	1 910	1 630	---	16
17	---	---	---	---	1 820	1 940	1 690	1 140	2 630	1 830	1 850	---	17
18	---	---	---	---	2 090	2 030	1 690	1 380	2 550	1 840	1 840	---	18
19	---	---	---	---	2 380	2 100	1 650	1 280	2 530	1 720	1 530	---	19
20	---	---	---	---	2 150	2 170	1 480	1 340	2 380	1 930	1 720	---	20
21	---	---	---	---	2 080	2 350	1 400	1 950	2 380	1 880	---	---	21
22	---	---	---	---	2 350	2 370	1 180	1 530	2 530	1 870	---	---	22
23	---	---	---	---	2 480	2 150	1 140	1 820	2 670	1 870	---	---	23
24	---	---	---	---	2 340	2 100	1 340	1 850	2 460	1 880	---	---	24
25	---	---	---	1 000A	2 250	2 510	1 350	1 800	2 230	1 870	---	---	25
26	---	---	---	1 870	2 080	2 510	1 370	1 980	2 180	1 780	---	---	26
27	---	---	---	1 940	2 380	2 510	1 340	1 870	2 100	1 830	---	---	27
28	---	---	---	1 880	1 720	2 340	1 380	1 950	2 080	1 800	---	---	28
29	---		---	1 840	1 730	2 340	1 270	1 840	2 100	1 730	---	---	29
30	---		---	1 810	1 810	2 310	1 340	1 870	2 020	1 810	---	---	30
31	---		---		1 870		1 310	1 830		1 780		---	31
TOTAL	---	---	---	---	61 370	65 210	50 980	37 757	59 320	55 650	---	---	TOTAL
MEAN	---	---	---	---	1 980	2 170	1 640	1 220	1 980	1 830	---	---	MEAN
MAX	---	---	---	---	2 480	2 530	2 330	1 870	2 670	2 060	---	---	MAX
MIN	---	---	---	---	1 840	1 570	1 140	858	1 380	1 810	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 800
MAXIMUM DAILY, 2 670 ON SEP 23
MINIMUM DAILY, 858 ON AUG 7
MAXIMUM INSTANTANEOUS,
2 820 AT 00:30 MST ON SEP 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 55 09 N
LONG 118 36 19 W
DRAINAGE AREA, 130 000 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4 490 000
FEB	---	AUG	3 280 000
MAR	---	SEP	5 130 000
APR	---	OCT	4 890 000
MAY	5 300 000	NOV	---
JUN	E 530 000	DEC	---

TOTAL DISCHARGE, 28 600 000 dam³

PEACE RIVER AT FORT VERMILION - STATION NO. 07HF001

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	4.474	---	7.068	4.828	5.285	3.683	3.858	4.739	---	---	1
2	---	---	4.430	---	7.056	4.829	5.198	3.615	3.876	4.741	---	---	2
3	---	---	4.400	---	7.388A	4.881	5.151	3.638	3.873	4.675	---	---	3
4	---	---	4.388	---	---	4.914	5.074	3.480	3.835	4.618	---	---	4
5	---	---	4.418	---	---	4.979	5.004	3.348	3.800	4.565	---	---	5
6	---	---	4.484	---	---	5.042E	5.081	3.310	3.783	4.443	---	---	6
7	---	---	4.540	---	---	5.152	4.985	3.259	3.800	4.333	---	---	7
8	---	---	4.594	---	---	5.246	4.870	3.180E	3.842	4.249	---	---	8
9	---	---	4.718	5.980A	5.043A	5.301	4.764	3.070E	3.738	4.267	---	---	9
10	---	---	4.887	---	5.047	5.283	4.898	2.980E	3.822	4.278	---	---	10
11	---	---	4.933	---	4.995	5.200	4.388	2.900E	3.885	4.284	---	---	11
12	---	---	4.884	---	4.927	5.080	4.305	3.000E	3.900	4.257	---	---	12
13	---	---	4.813	---	4.898	4.991	4.173	3.110E	3.884	4.197	---	---	13
14	---	---	4.811	---	4.862	4.948	4.271	3.160E	3.859	4.143	---	---	14
15	---	---	4.901	---	4.880	4.918	4.330	3.078E	3.881	4.093	---	---	15
16	---	---	5.000	---	4.785	4.615	4.317	3.030E	3.934	4.132	---	---	16
17	---	---	5.068	---	4.895	4.687	4.273	3.020E	3.935	4.211	---	---	17
18	---	---	5.113	---	4.823	4.807	4.238	3.052E	4.228	4.288	---	---	18
19	---	---	5.193	7.318A	4.880	4.881	4.138A	3.090A	4.784	4.343	---	---	19
20	---	---	5.318	7.148	4.873	4.813	3.900E	3.178	5.008	4.394	---	---	20
21	---	---	5.281A	7.003	4.880	4.988	3.880E	3.434	5.083	4.387	---	---	21
22	---	---	5.383E	6.958	4.908	4.977	3.988A	3.803	5.051	4.396	---	---	22
23	---	---	5.578E	6.923	5.010	4.987	3.913	3.893	4.898	4.368	---	---	23
24	---	---	5.740E	6.810	5.038	4.869	3.822	3.873	4.949	4.387	---	---	24
25	---	---	5.760E	6.883	5.238	4.886	3.878	3.783	5.013	4.384	---	---	25
26	---	4.427A	5.724A	6.882	5.388	4.883	3.836	3.835	5.081	4.358A	---	---	26
27	---	4.488	5.688A	6.882	5.387	4.727	3.885	3.807	5.031	4.310E	---	---	27
28	---	4.488	5.650E	6.848	5.330	4.883	3.839	3.930	4.998	4.278E	---	---	28
29	---		5.598A	6.815	5.288	5.180	3.883	3.911	4.788	4.240E	---	---	29
30	---		5.852A	6.888	5.284	5.298	3.885	3.895	4.730	4.190E	---	---	30
31	---		5.648A		4.888		3.858	3.878		4.184A		---	31
MEAN	---	---	5.052	---	---	4.863	4.301	3.388	4.294	4.335	---	---	MEAN
MAX	---	---	5.760	---	---	5.301	5.285	3.930	5.081	4.741	---	---	MAX
MIN	---	---	4.388	---	---	4.318	3.838	3.900	3.800	4.093	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 23 15 N
LONG 116 02 05 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

DRAINAGE AREA,
223 000 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 243.906 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

PEACE RIVER AT PEACE POINT - STATION NO 07KE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 310B	880B	970B	1 660B	3 070B	3 580	3 100	1 780	1 670	2 780	3 100	1 230B	1
2	1 350B	870B	960B	1 650B	3 180B	3 390	3 300	1 730	1 660	2 680	2 950	1 260B	2
3	1 380B	870B	950B	1 620B	3 490B	3 200	3 350	1 710	1 630	2 630	2 920	1 280B	3
4	1 380B	880B	950B	1 620B	3 800B	3 100	3 330	1 670	1 630	2 600	1 980B	1 270B	4
5	1 360B	890B	950B	1 620B	3 400B	3 090	3 280	1 680	1 620	2 570	2 000B	1 250B	5
6	1 380B	930B	955B	1 650B	3 000B	3 110	3 210	1 620	1 610	2 540	1 980B	1 250B	6
7	1 350B	930B	950B	1 700B	4 000B	3 170	3 130	1 590	1 600	2 480	1 950B	1 270B	7
8	1 330B	940B	950B	1 750B	4 250B	3 200	3 100	1 520	1 750	2 410	2 020B	1 410B	8
9	1 310B	950B	970B	1 800B	4 500B	3 320	3 080	1 480	1 700	2 330	2 000B	1 480B	9
10	1 300B	1 000B	990B	1 850B	4 480	3 420	2 980	1 440	1 670	2 230	1 980B	1 470B	10
11	1 300B	1 070B	1 010B	1 900B	4 480	3 510	2 830	1 360	1 580	2 180	1 900B	1 450B	11
12	1 310B	1 [illegible]0B	1 050B	2 010B	4 430	3 520	2 880	1 280	1 720	2 140	1 840B	1 420B	12
13	1 320B	1 150B	1 100B	2 080B	4 300	3 440	2 810	1 190	1 780	2 140	1 820B	1 440B	13
14	1 340B	1 150B	1 200B	2 130B	4 130	3 240	2 330	1 150	1 790	2 140	1 900B	1 480B	14
15	1 360B	1 180B	1 250B	2 200B	3 950	2 930	2 220	1 190	1 820	2 120	1 880B	1 510B	15
16	1 380B	1 170B	1 300B	2 300B	3 850	2 810	2 210	1 260	1 800	2 080	1 780B	1 550B	16
17	1 400B	1 170B	1 310B	2 400B	3 720	2 680	2 280	1 300	1 770	2 050	1 690B	1 600B	17
18	1 420B	1 150B	1 320B	2 [illegible]30B	3 590	2 480	2 280	1 280	1 800	2 030	1 650B	1 640B	18
19	1 450B	1 130B	1 330B	2 710B	3 510	2 550	2 240	1 240	1 840	2 050	1 690B	1 680B	19
20	1 490B	1 120B	1 350B	2 900B	3 350	2 650	2 210	1 240	1 980	2 100	1 580B	1 720B	20
21	1 470B	1 120B	1 370B	3 050B	3 250	2 730	2 130	1 280	2 270	2 180	1 480B	1 730B	21
22	1 380B	1 120B	1 400B	3 150B	3 180	2 700	2 010	1 320	2 830	2 200	1 410B	1 720B	22
23	1 300B	1 120B	1 440B	3 240B	3 170	2 640	2 000	1 400	2 840	2 190	1 300B	1 730B	23
24	1 240B	1 120B	1 480B	3 260B	3 250	2 620	2 000	1 530	2 910	2 180	1 250B	1 760B	24
25	1 200B	1 110B	1 510B	3 280B	3 400	2 670	1 980	1 610	2 880	2 190	1 230B	1 760B	25
26	1 140B	1 050B	1 600B	3 230B	3 450	2 810	1 920	1 650	2 850	2 210	1 210B	1 800B	26
27	1 080B	1 010B	1 680B	3 190B	3 560	2 920	1 850	1 730	2 670	2 220	1 230B	1 830B	27
28	1 020B	980B	1 720B	3 110B	3 720	2 890	1 770	1 780	2 950	2 210	1 250B	1 850B	28
29	970B		1 720B	3 060B	3 770	2 830	1 720	1 830	2 980	2 180	1 280B	1 880B	29
30	920B		1 720B	3 130B	3 720	2 880	1 720	1 880	2 880	2 170	1 290B	1 910B	30
31	890B		1 700B		3 630		1 740	1 890		2 140		1 920B	31
TOTAL	39 770	29 200	39 185	71 820	114 600	89 690	78 420	48 500	63 980	70 340	50 920	49 240	TOTAL
MEAN	1 280	1 040	1 280	2 390	3 700	2 990	2 470	1 560	2 130	2 270	1 700	1 590	MEAN
MAX	1 490	1 170	1 720	3 260	4 500	3 580	3 350	1 890	2 980	2 780	2 100	1 920	MAX
MIN	890	870	950	1 620	3 000	2 480	1 720	1 150	1 670	2 030	1 210	1 330	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 530
MAXIMUM DAILY, 4 500B ON MAY 9
MINIMUM DAILY, 870B ON FEB 2

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 06 50 N
LONG 117 25 35 W
DRAINAGE AREA, 293 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 440 000	JUL	6 800 000
FEB	2 520 000	AUG	4 020 000
MAR	3 380 000	SEP	5 530 000
APR	6 210 000	OCT	5 080 000
MAY	9 900 000	NOV	4 400 000
JUN	7 750 000	DEC	4 250 000

TOTAL DISCHARGE, 64 100 000 dam³

PEACE RIVER AT PEACE RIVER - STATION NO. 07HA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 600B	1 180B	1 080B	2 050B	2 190	2 880	3 080	1 620	1 830	2 480	1 940	1 350B	1
2	1 780B	1 220B	1 110B	2 000B	2 080	2 830	3 020	1 380	1 810	2 380	1 830	1 310B	2
3	1 780B	1 360B	1 200B	1 800B	1 930	3 030	3 040	1 380	1 730	2 230	1 630	1 300B	3
4	1 650B	1 400B	1 300B	1 820B	2 010	3 080	3 070	1 300	1 530	2 200	1 800	1 900B	4
5	1 900B	1 390B	1 400B	1 850B	2 270	3 270	2 880	1 180A	1 730	1 980	1 940	1 910B	5
6	1 950B	1 360B	1 500B	1 870B	2 450	3 310	2 730	1 030E	1 730	1 980	2 100	1 900B	6
7	1 950B	1 300B	1 540B	1 910B	2 540	3 380	2 840	880E	1 880	2 150	2 080	1 900B	7
8	2 010B	1 330B	1 450B	1 950B	2 520	3 240	2 330	874A	1 850	2 040	1 980	1 910B	8
9	2 000B	1 320B	1 400B	2 250B	2 400	3 050	2 120	1 130	1 940	2 080	1 880	1 920B	9
10	2 020B	1 290B	1 440B	2 400B	2 470	2 920	2 170	1 170	1 940	2 000	1 810	1 890B	10
11	1 980B	1 280B	1 520B	2 470B	2 470	2 130	2 310	1 280	1 800	1 880	1 800	2 010B	11
12	1 850B	1 320B	1 580B	2 550B	2 430	2 210	2 410	1 130	1 880	1 800	1 630	1 940B	12
13	1 700B	1 410B	1 650B	2 550B	2 480	2 420	2 340	1 040	1 950	1 800	1 680	1 910B	13
14	1 650B	1 370B	1 730B	2 580	2 420	2 610	2 280	1 030	1 920	2 080	1 670	1 810B	14
15	1 250B	1 320B	1 740B	2 610	2 370	2 710	2 280	1 140	2 260	2 080	1 740	1 910B	15
16	1 100B	1 270B	1 750B	2 610	2 380	2 780	2 110	1 230	2 680	2 120	1 770	1 880B	16
17	9080	1 170B	1 780B	2 630	2 330	2 810	1 780	1 270	3 180	2 180	1 780	1 880B	17
18	7880	1 140B	1 690B	2 480	2 480	2 640	2 080	1 630	3 090	2 120	1 770	1 810B	18
19	7240	1 120B	1 670B	2 380	2 720	2 890	2 070	1 780	3 130	2 020	1 830	1 910B	19
20	7710	1 020B	1 670B	2 380	3 080	2 630	1 880	1 670	3 010	2 140	1 830	1 840B	20
21	7400	1 080B	1 980B	2 300	2 880	2 880	1 800	1 770	2 880	2 200	1 870	1 810B	21
22	7038	1 120B	1 810B	2 080	3 030	3 020	1 800	1 880	2 870	2 170	2 080A	1 830B	22
23	8428	1 100B	1 780B	2 110	3 470	2 830	1 280	1 880	3 120	2 200	1 840E	1 850B	23
24	8318	1 130B	1 780B	2 190	3 380	2 840	1 840	1 970	3 080	2 100	2 040E	1 910B	24
25	8708	1 080B	1 830B	2 370	3 330	2 830	1 880	1 930	2 810	2 080	1 970E	1 980B	25
26	8678	1 080B	1 880B	2 310	3 260	3 180	1 780	1 930	3 030	1 880	1 840E	1 900B	26
27	9188	1 080B	1 900B	2 310	3 180	3 380	1 880	1 880	3 080	2 000	1 880A	1 880B	27
28	1 010B	1 030B	1 880B	2 370	3 040	3 280	1 700	1 920	3 080	1 930	2 030	1 870B	28
29	9838		1 880B	2 330	2 890	3 210	1 880	1 840	3 080	1 930	2 030	1 880B	29
30	8778		1 920B	2 280	2 730	3 180	1 480	1 900	3 080	1 880	2 170	1 920B	30
31	1 000B		2 080B		2 810		1 880	1 930		1 940		1 910B	31
TOTAL	40 848	34 270	51 880	67 740	81 880	88 340	88 470	48 884	70 830	64 180	58 870	58 070	TOTAL
MEAN	1 320	1 220	1 670	2 260	2 630	2 880	2 140	1 470	2 360	2 070	1 880	1 910	MEAN
MAX	2 020	1 480	2 080	2 680	3 470	3 380	3 080	1 970	3 180	2 480	2 170	2 010	MAX
MIN	831	1 020	1 080	1 890	1 930	2 130	1 380	874	1 830	1 800	1 810	1 810	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 850
MAXIMUM DAILY, 3 470 ON MAY 23
MINIMUM DAILY, 831B ON JAN 24
MAXIMUM INSTANTANEOUS,
3 540 AT 10:00 MDT ON MAY 23

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 14 41 N
LONG 117 18 46 W
DRAINAGE AREA, 188 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 530 000	JUL	5 740 000
FEB	2 950 000	AUG	3 800 000
MAR	4 470 000	SEP	5 130 000
APR	5 800 000	OCT	5 550 000
MAY	7 000 000	NOV	4 850 000
JUN	7 480 000	DEC	5 100 000

TOTAL DISCHARGE, 62 700 000 dam³

PEACE RIVER BELOW CHENAL DES QUATRE FOURCHES - STATION NO. 07KC001

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	208.027	---	208.140	208.808	207.380	207.612	207.980	207.964	---	1
2	208.072	---	---	208.032	---	208.131	208.672	207.332	207.586	207.974	207.933	---	2
3	---	---	---	208.038	---	208.090	208.586	207.285	207.608	207.954	208.007	---	3
4	---	---	---	208.054	---	208.054	208.539	207.373	207.579	207.986	207.966	---	4
5	---	---	---	208.081	---	208.026	208.526	207.382	207.621	208.004	---	---	5
6	---	---	---	208.074	---	208.052	---	207.374	207.687	207.985	---	---	6
7	---	---	---	208.075	208.809	208.064	---	207.346	207.582	208.002	---	---	7
8	---	---	---	208.040	208.770	208.064	---	207.383	207.571	208.054	---	---	8
9	---	---	---	208.005	208.807	208.078	---	207.341	207.560	208.045	---	---	9
10	---	---	---	207.958	208.585	208.031	---	207.393	207.462	208.067	---	208.445	10
11	---	---	208.981	207.912	208.615	208.007	---	207.301	207.423	208.087	---	---	11
12	---	---	---	207.853	208.312	208.001	---	207.277	207.467	208.078	---	---	12
13	---	---	---	207.809	208.289	208.001	---	208.947	207.508	208.054	---	208.435	13
14	---	---	---	207.782	208.226	208.042	---	208.900	207.589	208.028	207.780	---	14
15	---	---	---	207.683	208.151	208.043	---	208.900	207.583	208.039	---	---	15
16	---	---	---	207.586	208.120	208.050	---	208.916	207.639	208.034	---	---	16
17	---	---	---	207.447	208.084	208.481	---	208.988	207.819	208.038	---	207.972	17
18	---	---	---	207.333	208.098	208.394	---	208.986	207.634	208.031	---	208.174	18
19	---	---	---	---	208.093	208.400	---	207.001	207.579	208.005	---	208.257	19
20	---	---	---	---	208.048	208.475	---	208.958	207.725	208.050	---	208.436	20
21	---	---	---	---	208.038	208.546	---	208.980	207.622	208.087	---	208.528	21
22	---	---	---	---	208.003	208.606	---	208.978	207.786	208.031	---	208.448	22
23	207.773	---	---	---	208.793	208.639	207.935	207.019	207.641	208.004	---	208.317	23
24	207.654	---	---	---	208.829	208.623	---	207.153	207.645	208.013	---	208.392	24
25	---	207.192	---	---	208.687	208.562	207.928	207.316	207.872	208.005	---	208.531	25
26	---	---	---	---	208.644	208.570	207.284	207.378	207.689	208.028	---	208.425	26
27	---	---	---	---	208.601	208.604	207.272	207.406	207.686	208.036	---	208.410	27
28	---	---	---	---	208.066	208.634	207.265	207.491	207.916	208.027	---	208.464	28
29	---		208.089	---	209.153	208.621	207.302	207.560	207.838	207.999	---	208.449	29
30	---		208.055	---	209.185	208.595	207.315	207.624	207.883	207.994	---	208.409	30
31	---		208.041		209.188		207.349	207.623		207.992		208.375	31
MEAN	---	---	---	---	---	208.750	---	207.222	207.682	208.023	---	---	MEAN
MAX	---	---	---	---	---	209.140	---	207.624	207.883	208.078	---	---	MAX
MIN	---	---	---	---	---	208.394	---	206.900	207.433	207.954	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 04 00 N
LONG 111 35 00 W

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

PEAVINE CREEK NEAR FALHER - STATION NO. 07CH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	4.02	0.152	0	0.001	0	0.001	0.015	---	---	1
2	---	---	0 B	4.26	0.106	0	0	0	0.001	0.013	---	---	2
3	---	---	0.0018	3.77	0.084	0	0	0	0	0.013	---	---	3
4	---	---	0.0038	4.50	0.077	0	0	0	0	0.018	---	---	4
5	---	---	0.0028	3.51	0.065	0	0	0	0.001	0.062	---	---	5
6	---	---	0.0038	3.03	0.062	0	0	0	0.001	0.065	---	---	6
7	---	---	0.0048	2.67	0.060	0	0	0.002	0	0.065	---	---	7
8	---	---	0.0078	2.31	0.039	0	0	0.004	0	0.130	---	---	8
9	---	---	0.0148	2.19	0.028	0	0	0.006	0	0.154	---	---	9
10	---	---	0.0288	1.89	0.018	0	0	0.007A	0	0.388	---	---	10
11	---	---	0.0408	1.47	0.007	0.001	0	0.006E	0	0.202	---	---	11
12	---	---	0.0788	1.18	0.006	0.001	0	0.005E	0	0.088	---	---	12
13	---	---	0.2008	0.957	0.006	0.001	0	0.004E	0.004	0.078	---	---	13
14	---	---	0.5148	0.808	0.006	0	0	0.003E	0.003	0.108	---	---	14
15	---	---	1.23 B	0.712	0.006	0.001	0	0.003E	0.001	0.152	---	---	15
16	---	---	1.14 B	0.639	0.004	0.001	0.001	0.003E	0.001	0.218	---	---	16
17	---	---	1.35 B	0.429	0.003	0.001	0.001	0.003E	0.001	0.211	---	---	17
18	---	---	2.76 B	0.333	0.003	0.001	0	0.001E	0.001	0.228	---	---	18
19	---	---	4.78 B	0.283	0.003	0.001	0.001	0.001E	0.001	0.261	---	---	19
20	---	---	5.02	0.210	0.003	0.001	0	0.001E	0.001	0.241	---	---	20
21	---	---	7.17	0.157	0.003	0.001	0	0.001E	0.004	0.208	---	---	21
22	---	---	6.91	0.165	0.003	0.002	0	0.001E	0.002	0.180	---	---	22
23	---	---	6.17	0.163	0.003	0.002	0	0	0.003	0.170	---	---	23
24	---	---	3.93	0.125	0.003	0.001	0	0	0.008	0.158	---	---	24
25	---	---	2.91	0.211	0.001	0.001	0.003	0	0.009	0.180	---	---	25
26	---	---	2.96	0.308	0.001	0.001	0.003	0	0.014	0.118	---	---	26
27	---	---	3.28	0.238A	0.001	0.001	0.003	0	0.030	0.108	---	---	27
28	---	---	3.19	0.268A	0.001	0.001	0.002	0	0.035	0.125A	---	---	28
29	---		1.87	0.248A	0	0.001	0.001	0.001E	0.025	0.140E	---	---	29
30	---		1.80	0.195	0	0.001	0	0.001A	0.018	0.102E	---	---	30
31	---		2.26		0		0	0.001		0.130E		---	31
TOTAL	---	---	80.653	45.774	0.764	0.021	0.018	0.084	0.188	4.357	---	---	TOTAL
MEAN	---	---	1.86	1.53	0.024	0.001	0.001	0.002	0.006	0.141	---	---	MEAN
MAX	---	---	6.92	6.77	0.152	0.003	0.003	0.009	0.033	0.388	---	---	MAX
MIN	---	---	0	0.165	0	0	0	0	0	0.012	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.456
MAXIMUM DAILY, 6.92 ON MAR 20
MINIMUM DAILY, 0.00 ON MAR 1
MAXIMUM INSTANTANEOUS,
11.0 AT 00:30 MST ON MAR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 37 41 N
LONG 117 15 39 W
DRAINAGE AREA, 837 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1.36
FEB	---	AUG	4.87
MAR	5 360	SEP	14.3
APR	3 950	OCT	376
MAY	64.3	NOV	---
JUN	1.81	DEC	---

TOTAL DISCHARGE, 9 890 dam³

PEERLESS LAKE AT PEERLESS LAKE - STATION NO. 07JB001

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	25.204	25.335	25.295	25.251	25.138	25.081	---	---	1
2	---	---	---	---	25.204	25.334	25.293	25.251	25.135	25.085	---	---	2
3	---	---	---	---	25.213	25.333	25.303	25.243	25.147	25.093	---	---	3
4	---	---	---	---	25.228	25.334	25.307	25.243	25.118	25.128	---	---	4
5	---	---	25.213A	---	25.238	25.330	25.294	25.233	25.136	25.090	---	---	5
6	---	---	---	---	25.240	25.337	25.278	25.227	25.117	25.128	---	---	6
7	---	---	---	---	25.248	25.336	25.273	25.215	25.091	25.119	---	---	7
8	---	---	---	---	25.248	25.343	25.273	25.223	25.087	25.122	---	---	8
9	---	---	---	---	25.250	25.341	25.280	25.230	25.081	25.117	---	---	9
10	---	---	---	---	25.258	25.341	25.273	25.209	25.077	25.092	---	---	10
11	---	---	---	---	25.271	25.337	25.285	25.199	25.071	25.105	---	---	11
12	---	---	---	---	25.287	25.336	25.263	25.199	25.087	25.092	---	---	12
13	---	---	---	---	25.298	25.330	25.280	25.202	25.084	25.126	---	---	13
14	---	---	---	---	25.298	25.327	25.286	25.201	25.082	25.128	---	---	14
15	---	---	---	---	25.300	25.313	25.248	25.177	25.083	25.123	---	---	15
16	---	---	---	---	25.304	25.311	25.248	25.193	25.098	25.114	---	---	16
17	---	---	---	---	25.304	25.319	25.249	25.187	25.115	25.102	---	---	17
18	---	---	---	---	25.305	25.316	25.243	25.186	25.200	25.120	---	---	18
19	---	---	---	---	25.308	25.308	25.242	25.185	25.198	25.124	---	---	19
20	---	---	---	---	25.308	25.303	25.242	25.179	25.193	25.115	---	---	20
21	---	---	---	---	25.310	25.306	25.241	25.177	25.185	25.115	---	---	21
22	---	---	---	---	25.306	25.309	25.248	25.172	25.127	25.105	---	---	22
23	---	---	---	25.180A	25.312	25.308	25.284	25.171	25.171	25.084	---	---	23
24	---	---	---	25.185	25.314	25.296	25.256	25.171	25.139	25.087	---	---	24
25	---	---	---	25.199	25.319	25.300	25.264	25.170	25.123	25.102	---	---	25
26	---	---	---	25.197	25.308	25.305	25.243	25.168	25.088	25.122	---	---	26
27	---	---	---	25.202	25.322A	25.304	25.249	25.156	25.122	25.114	---	---	27
28	---	---	25.195A	25.200	25.324A	25.310	25.255	25.147	25.111	25.084	---	---	28
29	---		---	25.199	25.338	25.306	25.257	25.143	25.101	25.087	---	---	29
30	---		---	25.200	25.335	25.307	25.257	25.153	25.090	25.108A	---	---	30
31	---		---		25.333		25.254	25.142		25.110E		---	31
MEAN	---	---	---	---	25.285	25.321	25.264	25.193	25.118	25.107	---	---	MEAN
MAX	---	---	---	---	25.338	25.350	25.307	25.251	25.200	25.128	---	---	MAX
MIN	---	---	---	---	25.204	25.298	25.241	25.142	25.084	25.084	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 38 10 N
LONG 116 38 05 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

PELICAN CREEK NEAR PAKOWKI ROAD - STATION NO. 05AH041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	00	0.0018	3.39	0.797	0.036	0	0	0	0	---	---	1
2	---	00	0.0048	10.2	0.566	0.033	0	0	0	0	---	---	2
3	---	00	0 B	7.80	0.414	0.032	0	0	0	0	---	---	3
4	---	00	0 B	3.62	0.335	0.056	0	0	0	0	---	---	4
5	---	00	0 B	2.15	0.437	0.049	0	0	0	0	---	---	5
6	---	00	0 B	1.81	0.503	0.030	0	0	0	0	---	---	6
7	---	00	0 B	2.17	0.343	0.025	0	0	0	0	---	---	7
8	---	00	0.0018	3.11	0.305	0.018	0	0	0	0	---	---	8
9	---	00	0.0048	3.49	0.127	0.011	0	0	0	0	---	---	9
10	---	00	0.0048	5.86	0.107	0.008	0	0	0	0	---	---	10
11	---	00	0.0048	5.51	0.081	0.006	0	0	0	0	---	---	11
12	---	00	0.0048	5.06	0.089	0.004	0	0	0	0	---	---	12
13	---	00	0.0058	3.18	0.149	0.003	0	0	0	0	---	---	13
14	---	00	0.219	3.48	0.447	0.002	0	0	0	0	---	---	14
15	---	00	2.11	3.04	2.87	0	0	0	0	0	---	---	15
16	---	00	3.15	1.48	4.08	0	0	0	0	0	---	---	16
17	---	00	4.07	1.03	2.44	0	0	0	0	0	---	---	17
18	---	00	4.48	0.851	1.37	0	0	0	0	0	---	---	18
19	---	00	4.08	0.712	0.913	0	0	0	0	0	---	---	19
20	---	00	5.36	0.702	0.843	0	0	0	0	0	---	---	20
21	---	00	5.48	0.843	0.412	0	0	0	0	0	---	---	21
22	---	00	3.85	0.527	0.282	0	0	0	0	0	---	---	22
23	---	00	1.19	0.478	0.151	0	0	0	0	0	---	---	23
24	---	00	1.19	0.880	0.101	0	0	0	0	0	---	---	24
25	---	00	0.883	1.23	0.083	0	0	0	0	0	---	---	25
26	---	00	0.941	1.48	0.073	0	0	0	0	0	---	---	26
27	---	00	1.18	1.78	0.085	0	0	0	0	0	---	---	27
28	---	00	1.29	4.11	0.083	0	0	0	0	0	---	---	28
29	---		1.04	3.80	0.068	0	0	0	0	0	---	---	29
30	---		0.813	1.88	0.051	0	0	0	0	0A	---	---	30
31	00		1.24		0.043		0	0		0E		---	31
TOTAL	---	0	63.473	80.430	19.298	0.311	0	0	0	0	---	---	TOTAL
MEAN	---	0	1.37	2.68	0.580	0.010	0	0	0	0	---	---	MEAN
MAX	---	0	5.36	10.2	4.08	0.056	0	0	0	0	---	---	MAX
MIN	---	0	0	0.478	0.043	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.510
MAXIMUM DAILY, 10.2 00 APR 2
MINIMUM DAILY, 00 00 FEB 1
MAXIMUM INSTANTANEOUS,
13.2 AT 08:40 MST 00 APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 34 50 N
LONG 110 54 30 W
DRAINAGE AREA, 440 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	3 570	SEP	0
APR	6 950	OCT	0
MAY	1 000	NOV	---
JUN	30.0	DEC	---

TOTAL DISCHARGE, 13 200 dam³

PEKISKO CREEK NEAR LONGVIEW - STATION NO. 05BL023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0098	0.2198	0.917	2.70	0.161	0.003	0.188	1.61	---	---	1
2	---	---	0.0088	0.1898	0.895	2.75	0.107	0.003	0.237	1.56	---	---	2
3	---	---	0.0078	0.2398	1.21	2.67	0.089	0.003	0.212	1.48	---	---	3
4	---	---	0.0118	0.2818	1.44	2.48	0.058	0.003	0.224	1.34	---	---	4
5	---	---	0.0128	0.2978	1.29	2.17	0.055	0.003	0.268	1.26	---	---	5
6	---	---	0.0118	0.3108	1.12	1.85	0.038	0.002	0.838	1.32	---	---	6
7	---	---	0.0118	0.3308	0.991	1.86	0.081	0.002	0.891	1.27	---	---	7
8	---	---	0.0118	0.3808	0.875	1.85	0.078	0.002	0.812	1.26	---	---	8
9	---	---	0.0178	0.5308	0.845	1.47	0.050	0.002	0.815	1.24	---	---	9
10	---	---	0.0288	0.4388	0.791	1.35	0.024	0.001	0.884	1.21	---	---	10
11	---	---	0.0588	0.5648	0.743	1.17	0.018	0.001	1.02	1.30	---	---	11
12	---	---	0.0588	0.4558	0.719	0.894	0.007	0.001	8.15	1.44	---	---	12
13	---	---	0.1208	0.5508	0.638	0.902	0.007	0.001	10.5	1.33	---	---	13
14	---	---	0.0888	0.5708	0.594	0.816	0.042	0.001	8.15	1.39	---	---	14
15	---	---	0.1178	0.5268	0.578	0.713	0.047	0.247	4.97	1.39	---	---	15
16	---	---	0.1858	0.715	0.547	0.617	0.033	0.721	2.98	1.38	---	---	16
17	---	---	0.1878	0.671	0.515	0.582	0.093	0.498	2.50	1.56	---	---	17
18	---	---	0.2488	0.721	0.532	0.514	0.118	0.585	2.38	1.42	---	---	18
19	---	---	0.2498	0.771	0.500E	0.401	0.088	0.304	2.24	1.37	---	---	19
20	---	---	0.3228	0.678	0.470E	0.381	0.085	0.280	2.02	1.36	---	---	20
21	---	0.0028	0.2188	0.575	0.440E	0.394	0.038	0.404	2.01	1.37	---	---	21
22	---	0.0018	0.2258	0.505	0.410E	0.390	0.017	0.581	2.05	1.36	---	---	22
23	---	0.0048	0.2198	0.498	0.380E	0.313	0.018	0.578	2.02	1.35	---	---	23
24	---	0.0058	0.1808	0.487	0.350E	0.333	0.027	0.483	2.03	1.28	---	---	24
25	---	0.0088	0.1138	0.512	0.400E	0.308	0.017	0.408	2.00	1.34	---	---	25
26	---	0.0058	0.1388	0.483	0.700E	0.358	0.011	0.358	1.97	1.25	---	---	26
27	---	0.0058	0.1358	0.467	1.05 A	0.218	0.008	0.324	1.87	1.19	---	---	27
28	---	0.0048	0.1308	0.585	1.17	0.191	0.004	0.258	1.88	1.22	---	---	28
29	---		0.1258	0.912	1.37	0.185	0.004	0.238	1.78	1.24	---	---	29
30	---		0.1408	0.934	1.62	0.160	0.003	0.200	1.67	1.18	---	---	30
31	---		0.1708		2.19		0.003	0.188		1.08A		---	31
TOTAL	---	---	3.514	15.997	26.418	30.523	1.400	8.441	83.888	41.09	---	---	TOTAL
MEAN	---	---	0.113	0.533	0.852	1.02	0.045	0.308	2.13	1.33	---	---	MEAN
MAX	---	---	0.322	0.938	2.19	2.75	0.161	0.721	10.5	1.61	---	---	MAX
MIN	---	---	0.007	0.189	0.380	0.160	0.003	0.001	0.188	1.06	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.773
MAXIMUM DAILY, 10.5 ON SEP 13
MINIMUM DAILY, 0.001 ON AUG 10
MAXIMUM INSTANTANEOUS,
17.5 AT 22:49 MST ON SEP 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 28 26 N
LONG 114 12 20 W
DRAINAGE AREA, 232 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	121
FEB	---	AUG	857
MAR	304	SEP	5 520
APR	1 380	OCT	3 550
MAY	2 280	NOV	---
JUN	2 640	DEC	---

TOTAL DISCHARGE, 15 400 dam³

PEMBINA RIVER AT JARVIE - STATION NO. 07BC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.248	4.558	5.118	80.08	99.0	39.9	88.5	14.2	21.2	52.5	26.48	10.0 B	1
2	7.218	4.558	5.198	88.08	93.6	40.1	73.6	12.6	21.6	50.0	24.38	9.858	2
3	7.408	4.598	5.288	84.08	86.3	40.1	61.8	11.6	19.9	48.3	23.48	9.658	3
4	7.188	4.448	5.348	72.08	83.4	41.5	52.4	10.8	18.8	45.4	22.48	9.498	4
5	7.058	4.448	5.428	60.08	78.1	40.3	46.3	9.87	17.6	43.5	21.58	9.308	5
6	6.888	4.448	5.498	100 B	76.6	37.3	40.8	8.98	17.0	40.7	20.78	9.128	6
7	6.828	4.448	5.578	120 B	77.3	34.1	36.4	8.41	15.5	37.9	19.98	8.958	7
8	6.538	4.448	5.858	140 B	80.0	31.3	32.4	8.00	14.5	34.9	19.18	8.788	8
9	6.668	4.448	5.728	182	77.6	28.6	28.0	8.85	15.0	33.6	18.38	8.648	9
10	6.488	4.448	5.808	131	71.3	27.6	25.2	8.35	15.2	33.6	17.68	8.508	10
11	6.338	4.448	5.898	142	66.1	25.6	22.6	8.29	15.2	32.4	17.08	8.378	11
12	6.188	4.448	5.958	132	63.6	25.6	19.0	8.67	15.6	31.6	16.48	8.258	12
13	6.038	4.448	6.108	113	61.0	25.1	17.6	8.80	22.7	31.3	15.98	8.178	13
14	5.898	4.448	6.248	130	57.6	24.2	16.1	9.47	22.7	30.9	15.38	8.088	14
15	5.748	4.568	6.408	138	54.6	24.7	15.7	11.6	25.0	29.8	14.88	8.008	15
16	5.598	4.558	6.728	128	51.1	23.6	14.7	15.6	97.3	30.2	14.48	7.918	16
17	5.448	4.558	7.048	138	47.9	22.2	14.0	18.3	184	30.1	14.08	7.838	17
18	5.298	4.588	7.388	133	44.9	20.8	13.2	20.1	158	29.9	13.68	7.758	18
19	5.158	4.598	7.688	133	42.1	20.0	12.6	25.3	142	31.3	13.28	7.688	19
20	5.008	4.618	8.008	117	38.8	20.6	12.3	35.7	131	33.9	12.88	7.608	20
21	4.848	4.648	8.588	108	36.1	19.7	12.0	48.5	102	34.5	12.58	7.538	21
22	4.698	4.688	9.138	101	32.3	18.0	13.1	40.4	89.3	34.6A	12.28	7.468	22
23	4.638	4.738	9.668	94.7	29.9	17.1	13.0	34.3	81.9	33.6A	12.08	7.408	23
24	4.788	4.778	10.2 B	88.2	28.6	20.4	13.8	29.8	76.6	32.3A	11.78	7.358	24
25	4.758	4.638	10.8 B	84.0	27.8	30.9A	16.0	29.8	89.7	30.9A	11.48	7.308	25
26	4.678	4.888	11.5 B	88.8	26.3	33.8A	15.8	38.7	85.2	30.8A	11.28	7.258	26
27	4.618	4.958	12.5 B	101	24.3	88.3A	14.8	38.1	83.2	31.1A	10.98	7.208	27
28	4.568	5.038	14.0 B	108	23.7	86.1	13.3	30.2	80.2	31.3A	10.78	7.158	28
29	4.908		20.0 B	108	24.3	97.4	12.8	27.1	87.8	30.1A	10.48	7.108	29
30	4.488		27.3 B	108	26.4	107	13.8	24.1	85.8	28.8A	10.38	7.058	30
31	4.918		38.3 B		32.0		14.4	22.3		27.08		7.038	31
TOTAL	177.38	138.37	280.83	3 316.7	1 883.3	1 084.8	798.8	918.89	1 884.7	1 078.1	473.1	281.77	TOTAL
MEAN	5.72	4.88	9.38	107	83.7	38.2	25.7	29.8	88.2	34.7	15.8	8.12	MEAN
MAX	7.40	5.03	38.3	183	99.0	107	88.5	48.5	184	52.5	26.4	10.0	MAX
MIN	4.48	4.44	5.11	80.0	23.7	17.1	12.3	8.29	14.8	27.0	10.2	7.02	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.6
MAXIMUM DAILY, 184 ON SEP 17
MINIMUM DAILY, 4.440 ON FEB 4
MAXIMUM INSTANTANEOUS,
177 AT 06:50 MST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 27 05 N
LONG 113 59 30 W
DRAINAGE AREA, 13 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 300	JUL	85 800
FEB	11 100	AUG	83 500
MAR	25 100	SEP	165 000
APR	278 000	OCT	93 000
MAY	144 000	NOV	49 000
JUN	83 700	DEC	31 000

TOTAL DISCHARGE, 991 000 dam³

PEMBINA RIVER BELOW PADDY CREEK - STATION NO. 07BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.300	2.660	35.3	37.4	21.8	5.67	12.3	23.7	10.3 E	---	1
2	---	---	2.300	4.090	35.5	25.1	19.4	5.67	12.0	22.3	9.900	---	2
3	---	---	2.300	5.360	36.9	22.0	17.3	5.36	11.4	21.3	10.0 E	---	3
4	---	---	2.260	7.230	35.6	18.8	14.6	5.10	10.9	20.1	9.550	---	4
5	---	---	2.190	7.810	36.1	16.8	13.0	4.76	10.8	18.9	8.310	---	5
6	---	---	2.060	7.180	33.7	15.6	11.5	4.70	11.0	17.6	8.190	---	6
7	---	---	2.020	7.270	29.3	15.7	10.3	4.88	10.2	17.4	---	---	7
8	---	---	1.960	6.350	25.8	15.1	9.35	5.09	10.2	16.9	---	---	8
9	---	---	1.940	10.2 E	23.6	14.9	8.65	7.75	10.6	16.0	---	---	9
10	---	---	1.920	13.4 E	21.9	15.8	7.92	10.5	10.1	15.2	---	---	10
11	---	---	2.100	19.8 E	20.1	14.3	7.39	12.2	10.5	15.6	---	---	11
12	---	---	2.320	30.7 E	18.0	13.1	7.10	12.8	20.6	15.6	---	---	12
13	---	---	2.440	42.2 E	16.1	12.8	6.90	14.5	63.5	15.5	---	---	13
14	---	---	2.600	45.2 E	14.8	12.8	6.81	22.2	115	15.0	---	---	14
15	---	---	2.740	41.0 E	13.8	13.0	6.74	23.1	108	15.8	---	---	15
16	---	---	2.800	43.9	13.0	12.5	6.64	36.2	94.6	15.0	---	---	16
17	---	---	3.010	40.0	12.3	11.4	6.48	48.1	80.1	16.7	---	---	17
18	---	---	2.960	36.2	11.7	10.6	6.56	38.8	66.6	19.5	---	---	18
19	---	---	2.810	32.7	11.1	9.55	7.83	29.8	58.1	16.7	---	---	19
20	---	---	2.790	29.6	10.8	8.89	8.42	25.3	50.6	17.6	---	---	20
21	---	---	2.800	25.5	10.3	8.65	8.42	28.8	44.6	16.5	---	---	21
22	---	---	2.760	30.6	9.90	9.33	7.65	35.9	40.6	15.9	---	---	22
23	---	---	2.670	32.2	9.31	9.80	7.26	32.9	38.3	15.10	---	---	23
24	---	---	2.660	35.7	8.94	12.2	8.46	26.5	36.2	13.88	---	---	24
25	---	---	2.530	36.6	8.91	25.4	9.26	21.8	34.4	12.99	---	---	25
26	---	2.170	2.390	30.6	13.4	54.8	8.35	19.4	33.6	12.10	---	---	26
27	---	2.210	2.280	31.0	25.7	45.7	8.35	17.7	31.6	12.20	---	---	27
28	---	2.250	2.230	30.3	24.3	37.5	7.36	16.1	30.3	11.90	---	---	28
29	---		2.180	29.3	24.9	31.1	6.80	14.8	27.7	11.29	---	---	29
30	---		2.190	27.1	27.9	25.8	6.35	12.9	25.3	11.05	---	---	30
31	---		2.350		30.1		6.05	12.3		11.09		---	31
TOTAL	---	---	75.00	705.87	625.56	586.52	289.96	588.80	1 193.0	503.8	---	---	TOTAL
MEAN	---	---	2.42	23.5	20.2	19.9	9.35	19.3	39.4	16.3	---	---	MEAN
MAX	---	---	3.01	45.2	36.1	54.8	31.9	48.1	115	23.7	---	---	MAX
MIN	---	---	1.92	2.66	8.94	8.65	5.05	4.70	10.8	11.0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.3
MAXIMUM DAILY, 115 ON SEP 14
MINIMUM DAILY, 1.920 ON MAR 10
MAXIMUM INSTANTANEOUS,
120 AT 15:50 MST ON SEP 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 07 47 N
LONG 115 19 30 W
DRAINAGE AREA, 2 900 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	25 100
FEB	---	AUG	48 100
MAR	6 480	SEP	58 600
APR	61 000	OCT	43 900
MAY	54 000	NOV	---
JUN	48 900	DEC	---

TOTAL DISCHARGE, 386 000 dam³

PEMBINA RIVER NEAR ENTWISTLE - STATION NO. 07BB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.860	3.780	3.170	5.600	49.9	34.3	31.6	8.02	15.6	33.3	13.6 E	4.900	1
2	3.810	3.670	3.440	14.1 E	44.3	32.1	28.0	8.32	14.6	30.5	13.2 E	4.780	2
3	3.860	3.570	3.480	21.8 E	40.1	29.2	25.3	9.00	14.7	28.6	12.7 E	4.700	3
4	3.970	3.530	3.470	18.6 E	44.5	26.6	23.1	9.32	14.2	27.6	11.5 E	4.670	4
5	4.110	3.470	3.380	11.6 E	50.3	23.5	20.8	9.00	14.0	26.2	10.7 E	4.580	5
6	3.830	3.440	3.470	11.0 E	51.0	22.0	17.3	8.83	13.1	25.1	9.800	4.430	6
7	3.490	3.430	3.620	10.6 E	46.6	19.9	14.9	8.63	13.6	25.5	8.920	4.400	7
8	3.360	3.450	3.470	11.1 E	40.7	18.6	13.0	8.55	15.4	24.2	8.880	4.350	8
9	3.760	3.480	3.410	26.3 E	36.8	15.8	11.5	8.05	21.1	23.6	3.200	4.350	9
10	3.880	3.500	3.340	42.2 E	34.3	16.4	9.91	7.15	19.9	22.8	3.800	4.300	10
11	3.780	3.620	3.040	50.6 E	32.1	19.2	9.11	8.87	18.8	21.6	4.330	4.350	11
12	3.620	3.550	2.910	53.5 E	29.6	18.5	8.87	14.1	20.0	21.4	5.800	4.350	12
13	3.720	3.580	2.810	49.0 E	27.3	17.1	7.88	18.1	60.2	21.2	6.480	4.400	13
14	3.630	3.600	2.770	43.4 E	24.8	16.5	7.21	17.8	135	21.3	7.350	4.450	14
15	3.630	3.660	2.800	42.6 E	22.7	16.8	6.84	23.6	157	21.3	7.100	4.700	15
16	3.400	3.660	3.200	44.7	21.1	16.1	7.07	37.7	142	22.1	6.930	5.120	16
17	3.540	3.780	3.580	50.3	19.6	15.9	8.16	37.1	118	24.3	6.600	5.780	17
18	3.580	3.640	4.150	72.7	18.4	14.4	7.68	49.0	99.2	26.1	6.600	5.280	18
19	3.470	3.600	5.020	86.2	17.1	14.0	8.06	38.7	83.8	25.6	6.450	4.900	19
20	3.340	3.760	5.080	88.7	15.9	13.1	8.43	33.6	73.3	24.7	6.300	4.780	20
21	3.200	3.690	5.780	94.9	15.3	10.4	10.8	29.2	64.8	23.9	6.150	4.900	21
22	3.040	3.680	7.140	48.9	14.6	9.77	11.4	30.1	57.9	23.6	6.000	4.350	22
23	3.470	3.680	7.700	45.8	13.1	11.2	9.00	40.0	53.2	21.7	5.900	4.250	23
24	3.000	3.630	7.800	50.6	12.3	14.9	8.91	34.9	49.6	21.3	5.800	4.300	24
25	3.040	3.680	7.710	59.3	11.9	20.5	8.52	29.8	46.4	20.3	5.710	4.100	25
26	3.010	3.020	7.670	65.3	12.8	34.0	8.48	25.8	44.8	18.7	5.480	4.050	26
27	3.180	3.450	7.170	85.0	18.5	80.6	10.1	22.8	42.0	16.78	5.310	4.000	27
28	3.080	3.040	7.000	83.4	25.9	83.1	8.77	20.8	38.0	16.38	5.130	3.900	28
29	3.280		6.480	58.3	30.9	63.8	8.44	19.6	37.0	15.88	5.040	3.850	29
30	3.080		8.040	54.3	30.0	38.8	7.34	18.0	35.0	13.08	4.980	3.800	30
31	2.880		8.080		32.3		8.48	16.4		14.88		3.700	31
TOTAL	91.43	73.00	148.18	1 486.80	881.2	700.17	376.58	810.84	1 833.8	700.5	213.78	138.14	TOTAL
MEAN	2.95	3.04	4.78	48.8	28.7	23.3	12.1	19.7	61.1	22.6	7.06	4.46	MEAN
MAX	4.11	3.82	7.80	85.8	51.0	80.6	31.6	49.0	157	32.3	13.6	5.72	MAX
MIN	2.84	2.43	2.77	5.60	11.9	9.77	6.48	6.53	13.1	13.0	3.30	3.70	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.0
MAXIMUM DAILY, 157 ON SEP 15
MINIMUM DAILY, 2.040 ON JAN 22
MAXIMUM INSTANTANEOUS,
161 AT 03:50 MST ON SEP 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 38 15 N
LONG 115 00 14 W
DRAINAGE AREA, 4 450 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 000	JUL	32 000
FEB	6 350	AUG	33 000
MAR	13 000	SEP	132 000
APR	135 000	OCT	90 000
MAY	77 000	NOV	18 000
JUN	60 000	DEC	11 000

TOTAL DISCHARGE, 980 000 dam³

PICHE RIVER NEAR IMPERIAL MILLS - STATION NO. 07CA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.5700	0.7320	5.43	4.74	2.75	1.14	0.440	0.287	---	---	1
2	---	---	0.5700	0.9980	5.59	4.61	3.73	1.05	0.450	0.281	---	---	2
3	---	---	0.5700	0.8770	7.69	4.42	2.69	1.03	0.408	0.288	---	---	3
4	---	---	0.5700	0.7410	8.08	4.22	2.58	1.02	0.419	0.290	---	---	4
5	---	---	0.5700	0.7700	8.54	4.05	2.46	0.999	0.512	0.294	---	---	5
6	---	---	0.5700	0.8420	9.19	3.91	2.39	0.981	0.538	0.301	---	---	6
7	---	---	0.5700	0.9200	10.4	3.78	2.37	1.00	0.508	0.285	---	---	7
8	---	---	0.5700	1.01 B	11.9	3.90	2.26	0.999	0.484	0.269	---	---	8
9	---	---	0.5700	1.16 B	12.1	3.87	2.18	0.945	0.452	0.255	---	---	9
10	---	---	0.5700	1.20 B	11.3	3.85	2.12	0.888	0.431	0.254	---	---	10
11	---	---	0.5700	1.13 B	10.5	3.88	2.05	0.838	0.413	0.248	---	---	11
12	---	---	0.5800	1.03 B	9.72	3.83	1.98	0.807	0.401	0.254	---	---	12
13	---	---	0.5900	1.08 B	9.08	3.83	1.95	0.739	0.434	0.231	---	---	13
14	---	---	0.5900	1.03 B	8.59	3.87	1.82	0.883	0.436	0.231	---	---	14
15	---	---	0.5900	1.01 B	8.18	3.88	1.87	0.848	0.407	0.253	---	---	15
16	---	---	0.5900	0.9898	7.90	3.88	1.83	0.807	0.388	0.273	---	---	16
17	---	---	0.6000	1.15 B	7.78	3.84	1.80	0.873	0.409	0.264	---	---	17
18	---	---	0.6200	1.25 B	7.69	3.68	1.75	0.874	0.397	0.272	---	---	18
19	---	---	0.6359	1.43 B	7.62	3.30	1.72	0.839	0.372	0.269	---	---	19
20	---	---	0.6400	1.80 B	7.26	3.19	1.65	0.809	0.358	0.264	---	---	20
21	---	---	0.6400	2.20 B	6.87	3.37	1.59	0.698	0.382	0.249	---	---	21
22	---	---	0.6300	2.51 B	6.46	3.47	1.57	0.693	0.383	0.242	---	---	22
23	---	---	0.6100	3.34	6.05	3.52	1.53	0.687	0.338	0.264	---	---	23
24	---	---	0.6050	3.57	5.89	3.61	1.50	0.682	0.351	0.272	---	---	24
25	---	---	0.6000	3.99	5.62	3.48	1.48	0.682	0.357	0.2605	---	---	25
26	---	---	0.6000	4.56	5.44	3.31	1.50	0.688	0.342	0.2068	---	---	26
27	---	---	0.6000	4.91	5.15	3.18	1.48	0.680	0.337	0.1868	---	---	27
28	---	---	0.6000	4.89	4.93	3.08	1.44	0.632	0.322	0.1298	---	---	28
29	---		0.6000	5.33	4.74	2.93	1.36	0.613	0.309	0.1298	---	---	29
30	---		0.6100	5.86	4.69	2.80	1.32	0.635	0.298	0.1298	---	---	30
31	---		0.6500		4.79		1.34	0.646		0.1298		---	31
TOTAL	---	---	18.450	82.439	237.19	110.85	59.09	21.502	13.012	7.840	---	---	TOTAL
MEAN	---	---	0.595	2.08	7.65	3.69	1.91	0.887	0.400	0.243	---	---	MEAN
MAX	---	---	0.650	5.86	12.1	4.74	2.75	1.14	0.538	0.301	---	---	MAX
MIN	---	---	0.570	0.732	4.69	2.84	1.34	0.613	0.298	0.129	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.16
MAXIMUM DAILY, 12.1 ON MAY 8
MINIMUM DAILY, 0.1298 ON OCT 26
MAXIMUM INSTANTANEOUS,
12.4 AT 09:02 MST ON MAY 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 00 35 N
LONG 111 42 40 W
DRAINAGE AREA, 1 030 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 110
FEB	---	AUG	1 870
MAR	1 590	SEP	1 040
APR	5 390	OCT	651
MAY	20 500	NOV	---
JUN	9 590	DEC	---

TOTAL DISCHARGE, 45 730 dam³

PIGEON LAKE AT GRANDVIEW - STATION NO. 05PA013

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	850.131	---	850.087	849.996	849.881	849.855	849.831	---	1
2	---	---	---	---	850.128	850.136	850.087	849.993	849.863	849.853	849.815	---	2
3	---	---	---	---	850.139	850.128	850.083	849.988	---	---	849.818	---	3
4	---	---	---	850.006	---	---	850.085	849.988	849.863	849.853	849.817	---	4
5	---	---	---	---	---	850.126	850.083	849.990	---	---	---	---	5
6	---	---	---	---	---	850.126	850.077	849.988	849.857	849.847	---	---	6
7	---	---	---	---	---	---	850.078	849.990	849.847	849.848	---	---	7
8	---	---	---	---	---	---	850.078	---	849.838	849.847	---	---	8
9	---	---	---	850.041	---	850.116	---	850.003	849.837	849.838	---	---	9
10	---	---	---	---	---	850.129	850.089	849.998	849.837	849.837	---	---	10
11	---	---	---	---	---	---	850.087	849.998	---	849.831	---	---	11
12	---	---	---	---	---	850.121	850.087	849.998	849.852	849.827	---	---	12
13	---	---	---	---	---	---	---	---	849.867	849.828	---	---	13
14	---	---	---	---	---	---	850.048	849.988	849.867	849.841	---	---	14
15	---	---	---	---	---	---	850.088	---	849.867	849.827	---	---	15
16	---	---	---	---	---	---	850.028	849.988	849.867	---	---	---	16
17	---	---	---	---	---	850.101	850 048	849.988	849.867	---	---	---	17
18	---	---	---	---	---	850.097	850.038	849.990	849.881	---	---	---	18
19	---	---	---	---	---	850.097	850.040	849.988	849.881	---	---	---	19
20	---	---	849.885	---	---	850.095	850.048	---	---	---	---	---	20
21	---	---	---	---	---	850.087	850.038	849.988	---	---	---	---	21
22	---	---	---	---	850.138	850.087	850.036	849.988	849.883	---	---	---	22
23	---	---	---	---	850.138	---	850.028	849.988	849.883	---	---	---	23
24	---	---	---	---	---	850.107	---	849.992	849.891	---	---	---	24
25	---	849.823	---	---	850.144	---	850.028	849.988	---	---	---	---	25
26	---	---	---	850.106	---	---	---	---	849.883	---	---	---	26
27	---	---	---	---	---	850.103	850.010	849.991	849.881	---	---	---	27
28	---	---	---	---	---	850.095	850.011	---	849.857	---	---	---	28
29	---		---	---	850.116	---	850.004	849.987	---	---	---	---	29
30	---		---	---	850.130	850.085	---	849.988	849.988	---	---	---	30
31	---		---		---		850.000	849.987		849.819		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 59 15 N
LONG 114 03 10 W

NATURAL FLOW

DRAINAGE AREA,
384 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

PIGEON LAKE CREEK NEAR USONA - STATION NO. 05PA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.58 B	0.444	0.024	0.003E	0.001E	0.038	0.038	0.001E	---	1
2	---	---	0 B	0.21	0.393	0.024	0.003E	0.001E	0.031	0.032	0.001E	---	2
3	---	---	0 B	0.15	0.386	0.015	0.003E	0.001E	0.026	0.027	0.001E	---	3
4	---	---	0 B	0.48	0.331	0.005	0.002E	0.001E	0.022	0.020	0.001E	---	4
5	---	---	0 B	0.10	0.153	0.003	0.002E	0.001E	0.018	0.013	---	---	5
6	---	---	0 B	0.45	0.097	0.016	0.002E	0.001E	0.013	0.005	---	---	6
7	---	---	0 B	0.62	0.070	0.017	0.002E	0.001E	0.012	0.001	---	---	7
8	---	---	0 B	0.88	0.061	0.024	0.002E	0.001E	0.010	0.001E	---	---	8
9	---	---	0 B	0.33	0.118	0.038	0.002E	0.001E	0.004	0.001E	---	---	9
10	---	---	0 B	0.85	0.048	0.037	0.002E	0.001E	0.001	0.001E	---	---	10
11	---	---	0 B	0.50	0.090	0.038	0.001E	0.001E	0	0.001E	---	---	11
12	---	---	0 B	0.27	0.287	0.029	0.001E	0.001	0	0.001E	---	---	12
13	---	---	0 B	0.14	0.285	0.032	0.001E	0.001E	0.049	0.001E	---	---	13
14	---	---	0.0058	0.936	0.252	0.048	0.001E	0.001	0.075	0.001E	---	---	14
15	---	---	0.0068	0.728	0.281	0.044	0.001	0.049	0.071	0.001E	---	---	15
16	---	---	0.0078	0.524	0.254	0.037	0.001E	0.070	0.070	0.001E	---	---	16
17	---	---	0.0108	0.457	0.049	0.030	0.001E	0.070	0.061	0.001E	---	---	17
18	---	---	0.0158	0.438	0	0.040E	0.001E	0.066	0.052	0.001E	---	---	18
19	---	---	0.0178	0.845	0	0.025E	0.001E	0.056	0.045	0.001E	---	---	19
20	---	---	0.0188	0.952	0	0.010E	0.001E	0.060	0.037	0.001E	---	---	20
21	---	---	0.8508	0.175	0	0.004E	0.001E	0.072	0.037	0.001E	---	---	21
22	---	---	0.8008	0.988	0.023	0.004E	0.001E	0.096	0.046	0.001E	---	---	22
23	---	---	0.7308	1.14	0.011	0.004E	0.001E	0.096	0.046	0.001E	---	---	23
24	---	---	0.8508	0.891	0.014	0.004	0.001E	0.093	0.054	0.001E	---	---	24
25	---	0S	0.8908	0.915	0.040	0.004E	0.001E	0.085	0.054	0.001E	---	---	25
26	---	0B	0.8518	0.888	0.038	0.004E	0.001E	0.079	0.055	0.001E	---	---	26
27	---	0B	0.7608	0.841	0.036	0.003E	0.001E	0.089	0.056	0.001E	---	---	27
28	---	0B	1.10 B	0.811	0.183	0.003E	0.001E	0.061	0.052	0.001E	---	---	28
29	---		1.70 B	0.417	0.100	0.003E	0.001E	0.053	0.046	0.001E	---	---	29
30	---		2.70 B	0.999	0	0.003E	0.001E	0.046	0.042	0.001E	---	---	30
31	---		3.70 B		0		0.001E	0.041		0.001E	---	---	31
TOTAL	---	---	14.189	18.015	3.980	0.584	0.044	1.180	1.118	0.180	---	---	TOTAL
MEAN	---	---	0.457	2.27	0.128	0.019	0.001	0.038	0.037	0.005	---	---	MEAN
MAX	---	---	3.70	9.21	0.444	0.048	0.003	0.096	0.075	0.038	---	---	MAX
MIN	---	---	0	0.175	0	0.002	0.001	0.001	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.354
MAXIMUM DAILY, 9.21 ON APR 2
MINIMUM DAILY, 0S OR MAR 1
MAXIMUM INSTANTANEOUS,
9.23 AT 22:15 MST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 52 10 N
LONG 113 53 47 W
DRAINAGE AREA, 377 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3.80
FEB	---	AUG	102
MAR 1 220		SEP	86 6
APR 5 880		OCT	13.6
MAY	342	NOV	---
JUN	48.7	DEC	---

TOTAL DISCHARGE, 7 710 dam³

PINCHER CREEK AT PINCHER CREEK - STATION NO. 05AA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0808	0.5368	1.07	1.81	0.332	0.055	0.252	1.43	---	---	1
2	---	---	0.0758	1.02 B	1.18	1.53	0.280	0.073	0.311	1.43	---	---	2
3	---	---	0.0738	0.847	1.61	1.41	0.237	0.061	0.307	1.35	---	---	3
4	---	---	0.0808	0.800	1.84	1.29	0.211	0.052	0.340	1.25	---	---	4
5	---	---	0.0958	0.814	1.48	1.20	0.219	0.044	0.357	1.19	---	---	5
6	---	---	0.0908	0.928	1.17	1.13	0.231	0.039	0.819	1.45	---	---	6
7	---	---	0.1208	0.808	0.998	1.13	0.224	0.040	0.857	1.238	---	---	7
8	---	---	0.1408	0.825	0.995	1.38	0.208	0.051	0.725	1.208	---	---	8
9	---	---	0.1508	0.980	0.875	1.38	0.174	0.080	0.933	1.158	---	---	9
10	---	---	0.1408	0.757	0.854	1.28	0.147	0.091	1.33	1.48	---	---	10
11	---	---	0.1358	0.818	0.918	1.14	0.118	0.198	1.81	1.84	---	---	11
12	---	---	0.2568	0.787	0.857	1.04	0.080	0.310	5.85	1.98	---	---	12
13	---	---	0.3478	0.804	0.801	1.00	0.120	0.418	4.76	1.88	---	---	13
14	---	---	0.4728	1.07	0.783	0.883	0.218	0.352	3.06	1.84	---	---	14
15	---	---	0.4858	0.854	0.760	0.924	0.194	0.707	2.17	2.03	---	---	15
16	---	---	0.4948	0.767	0.809	0.891	0.141	1.05	1.88	2.48	---	---	16
17	---	---	0.5748	0.781	0.883	0.841	0.174	1.02	1.48	3.25	---	---	17
18	---	---	1.32 B	0.733	1.03	0.782	0.287	0.918	1.72	1.88	---	---	18
19	---	---	0.8028	0.713	1.39	0.708	0.219	0.781	1.58	1.78	---	---	19
20	---	---	0.7518	0.643	1.57	0.779	0.188	0.730	1.32	1.62	---	---	20
21	---	---	0.4908	0.588	1.88	0.849	0.167	0.788	1.48	1.74	---	---	21
22	---	---	0.3388	0.484	1.78	0.885	0.108	0.848	1.70	1.88	---	---	22
23	---	---	0.3588	0.442	1.87	0.838	0.344	0.809	1.74	1.88	---	---	23
24	---	---	0.2688	0.408	1.93	0.803	0.290	0.474	1.82	1.67	---	---	24
25	---	---	0.1238	0.438	2.19	0.879	0.183	0.395	1.48	1.70	---	---	25
26	---	---	0.0868	0.451	2.48	0.941	0.118	0.380	1.46	1.81	---	---	26
27	---	0.1038	0.0848	0.418	2.18	0.877	0.088	0.347	1.77	1.88	---	---	27
28	---	0.0988	0.0818	0.777	1.89	0.438	0.088	0.334	1.58	1.78A	---	---	28
29	---		0.0848	1.36	2.09	0.404	0.087	0.327	1.48	1.80E	---	---	29
30	---		0.1488	1.21	1.84	0.378	0.078	0.304	1.41	1.78E	---	---	30
31	---		0.1948		1.84		0.088	0.283		1.78E	---	---	31
TOTAL	---	---	9.388	21.060	43.388	27.988	5.982	11.778	48.732	51.31	---	---	TOTAL
MEAN	---	---	0.303	0.702	1.40	0.933	0.177	0.380	1.88	1.88	---	---	MEAN
MAX	---	---	1.32	1.36	2.48	1.81	0.344	1.08	5.85	2.48	---	---	MAX
MIN	---	---	0.075	0.408	0.782	0.378	0.088	0.038	0.252	1.15	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.660
MAXIMUM DAILY, 5.85 ON SEP 12
MINIMUM DAILY, 0.038 ON AUG 5
MAXIMUM INSTANTANEOUS,
6.00 AT 12:40 MST ON SEP 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 12 N
LONG 113 06 49 W
DRAINAGE AREA, 196 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	475
FEB	---	AUG 1	030
MAR	811	SEP 6	040
APR 1	830	OCT 6	090
MAY 3	780	NOV	---
JUN 2	430	DEC	---

TOTAL DISCHARGE, 15 800 dam³

PINE CREEK NEAR GRASSLAND - STATION NO. 07CA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	12.6 B	8.02	2.02	0.837	0.077	0.002	0.013	---	---	1
2	---	---	0.0018	17.9 B	8.56	1.78	0.728	0.080	0.002	0.013	---	---	2
3	---	---	0.0018	20.6 B	8.40	1.55	0.670	0.070	0.002	0.014	---	---	3
4	---	---	0.0018	18.3 B	8.36	1.63	0.586	0.080	0.002	0.014	---	---	4
5	---	---	0.0018	12.1 B	8.52	1.56	0.487	0.030	0.003	0.018	---	---	5
6	---	---	0.0018	9.748	8.00	1.33	0.412	0.020	0.004	0.018	---	---	6
7	---	---	0.0018	8.898	7.59	1.24	0.428	0.010	0.003	0.018	---	---	7
8	---	---	0.0018	7.978	7.18	1.26	0.380	0.003A	0.003	0.016	---	---	8
9	---	---	0.0018	8.36	7.06	1.19	0.286	0.002A	0.003	0.016	---	---	9
10	---	---	0.0018	8.58	6.70	1.25	0.240	0.002A	0.002	0.016	---	---	10
11	---	---	0.0018	7.82	5.02	1.38	0.197	0.004A	0.002	0.016	---	---	11
12	---	---	0.0018	7.07	5.65	1.39	0.222	0.003A	0.002	0.016	---	---	12
13	---	---	0.0018	6.88	5.65	1.10	0.250	0.002A	0.002	0.017	---	---	13
14	---	---	0.0018	7.13	5.41	1.13	0.219	0.003	0.002	0.018	---	---	14
15	---	---	0.0028	6.37	4.27	1.13	0.200	0.002A	0.002	0.020	---	---	15
16	---	---	0.0038	5.49	3.88	1.08	0.205A	0.001E	0.002	0.020	---	---	16
17	---	---	0.0048	7.12	3.96	0.860A	0.210A	0.001E	0.002	0.023	---	---	17
18	---	---	0.0038	6.85	4.51	0.879	0.219	0.001E	0.002	0.026	---	---	18
19	---	---	0.0028	5.76	4.62	0.979	0.214	0.001E	0.002	0.028	---	---	19
20	---	---	0.0028	5.45	4.41	0.872	0.180	0.001E	0.002	0.031	---	---	20
21	---	---	0.0028	4.10	4.28	0.787	0.180	0.001E	0.003	0.034	---	---	21
22	---	---	0.1608	4.01	4.23	0.850	0.160	0.001A	0.003	0.037	---	---	22
23	---	---	0.4388	4.66	3.97	0.805	0.135	0.001A	0.004	0.040	---	---	23
24	---	---	0.6458	5.13	3.75	0.894	0.125	0.001E	0.004	0.045	---	---	24
25	---	---	0.7208	5.99	3.65	0.808	0.120	0.001A	0.005	0.048	---	---	25
26	---	---	0.8008	7.95	3.49	0.996	0.105	0.002	0.010	0.042	---	---	26
27	---	---	0.9008	9.17	3.44	1.37	0.095	0.003	0.014	0.037	---	---	27
28	---	---	1.10 B	9.10	3.18	1.35	0.090	0.002	0.010	0.033	---	---	28
29	---		1.48 B	8.41	3.05	1.13	0.085	0.002	0.012	0.030A	---	---	29
30	---		2.83 B	7.81	2.90	0.956	0.080	0.002	0.012	0.028E	---	---	30
31	---		5.26 B		2.74		0.080	0.002		0.028E		---	31
TOTAL	---	---	14.186	259.11	165.46	35.526	8.435	0.381	0.139	0.763	---	---	TOTAL
MEAN	---	---	0.457	8.64	5.34	1.18	0.272	0.012	0.004	0.025	---	---	MEAN
MAX	---	---	5.26	20.6	8.56	2.02	0.837	0.080	0.016	0.048	---	---	MAX
MIN	---	---	0.001	4.01	2.74	0.787	0.080	0.001	0.002	0.013	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.98
MAXIMUM DAILY, 20.68 ON APR 3
MINIMUM DAILY, 0.0018 ON MAR 1
MAXIMUM INSTANTANEOUS,
21.88 AT 18:35 MST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 84 49 10 W
LONG 112 46 30 W
DRAINAGE AREA, 1 450 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	729
FEB	---	AUG	33.0
MAR	1 230	SEP	11.1
APR	22 400	OCT	65.9
MAY	14 300	NOV	---
JUN	3 070	DEC	---

TOTAL DISCHARGE, 41 800 dam³

PIPESTONE CREEK BELOW BIGSTONE CREEK - STATION NO. 05PA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0178	9.768	4.87	0.226	0.051	0.368	0.001	0.036	0.0288	---	1
2	---	---	0.0178	18.2 B	4.33	0.202	0.029	0.287	0.004	0.032	0.0288	---	2
3	---	---	0.0178	22.2 B	3.79	0.156	0.005E	0.163	0.028	0.024	0.0278	---	3
4	---	---	0.0188	21.3 B	3.30	0.131	0.005E	0.104	0.035	0.073	0.0268	---	4
5	---	---	0.0188	20.9 B	2.84	0.100	0.005E	0.062	0.029	0.095	---	---	5
6	---	---	0.0188	21.6 B	2.54	0.144	0.005E	0.005E	0.028	0.084	---	---	6
7	---	---	0.0188	23.2	2.39	0.128	0.005E	0.005E	0.022	0.070	---	---	7
8	---	---	0.0188	20.2	2.06	0.076	0.005E	0.005E	0.020	0.053	---	---	8
9	---	---	0.0208	18.2	1.86	0.038	0.005E	0.005E	0.083	0.053	---	---	9
10	---	---	0.0208	17.3	1.65	0.006	0.005E	0.009	0.088	0.048	---	---	10
11	---	---	0.0238	16.6	1.51	0.005E	0.005E	0.005E	0.018	0.038	---	---	11
12	---	---	0.0258	14.3	1.36	0.005E	0.005E	0.005E	0.012	0.031	---	---	12
13	---	---	0.0308	12.8	1.21	0.005E	0.005E	0.005E	0.087	0.084	---	---	13
14	---	---	0.0408	11.3	1.13	0.006	0.006	0.005E	0.045	0.082	---	---	14
15	---	---	0.0508	10.4	1.01	0.016	0.030	0.057	0.051	0.082	---	---	15
16	---	---	0.0808	9.82E	0.888	0.020	0.051	0.113	0.077	0.041	---	---	16
17	---	---	0.9208	8.63E	0.755	0.005E	0.072	0.082	0.071	0.037	---	---	17
18	---	---	1.75 B	7.75E	0.698	0.005E	0.105	0.028	0.080	0.020	---	---	18
19	---	---	2.58 B	6.67E	0.624	0.005E	0.172	0.030	0.054	0.013	---	---	19
20	---	---	3.36 B	5.99E	0.565	0.005E	0.213	0.025	0.048	0.015	---	---	20
21	---	---	1.35 B	5.10E	0.573	0.005E	0.227	0.027	0.045	0.025	---	---	21
22	---	---	1.47 B	4.22A	0.481	0.006	0.254	0.044	0.085	0.024	---	---	22
23	---	---	2.33 B	5.18	0.451	0.023	0.258	0.095	0.043	0.029	---	---	23
24	---	---	5.20 B	4.85	0.438	0.104	0.251	0.041	0.033	0.021	---	---	24
25	---	0.0158	4.80 B	5.21	0.433	0.108	0.258	0.034	0.011	0.028	---	---	25
26	---	0.0158	3.74 B	5.17	0.428	0.083	0.297	0.020	0.017	0.024	---	---	26
27	---	0.0158	3.42 B	5.28	0.388	0.057	0.290	0.006	0.028	0.0318	---	---	27
28	---	0.0158	3.87 B	5.03	0.332	0.146	0.287	0.002	0.043	0.0318	---	---	28
29	---		3.56 B	5.00	0.361	0.131	0.438	0.001	0.044	0.0308	---	---	29
30	---		4.17 B	4.87	0.378	0.091	0.484	0.001	0.043	0.0288	---	---	30
31	---		5.83 B		0.347		0.432	0.001		0.0348		---	31
TOTAL	---	---	67.611	346.74	43.398	3.028	6.380	1.848	1.148	1.228	---	---	TOTAL
MEAN	---	---	1.83	11.6	1.40	0.088	0.141	0.060	0.038	0.040	---	---	MEAN
MAX	---	---	5.83	23.2	4.87	0.226	0.484	0.368	0.077	0.095	---	---	MAX
MIN	---	---	0.017	4.22	0.347	0.005	0.005	0.001	0.001	0.012	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.83
MAXIMUM DAILY, 23.2 ON APR 7
MINIMUM DAILY, 0.001 ON AUG 29
MAXIMUM INSTANTANEOUS,
28.28 AT 11:02 MST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 83 02 35 N
LONG 113 31 04 W
DRAINAGE AREA, 1 010 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	377
FEB	---	AUG	134
MAR	4 100	SEP	99.3
APR	30 900	OCT	109
MAY	3 740	NOV	---
JUN	175	DEC	---

TOTAL DISCHARGE, 38 700 dam³

PIPESTONE RIVER NEAR LAKE LOUISE - STATION NO. 05BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.17 B	0.7088	0.8078	0.8158	1.80	15.6	18.5	8.19	5.17	3.85	2.448	1.15 B	1
2	1.23 B	0.7088	0.8488	0.8528	2.76	15.4	18.9	8.08	4.81	3.76	2.488	1.13 B	2
3	1.32 B	0.7158	1.02 B	0.8528	3.84	15.0	18.8	8.10	4.90	3.68	2.578	1.15 B	3
4	1.38 B	0.7328	1.03 B	0.8088	3.69	15.6	18.2	8.80	4.85	3.51	2.448	1.16 B	4
5	1.42 B	0.7638	0.9888	0.8448	3.05	15.6	18.5	8.25	5.67	3.56	2.258	1.17 B	5
6	1.46 B	0.7878	0.9738	0.7738	2.82	13.6	14.9	7.42	5.83	3.47	2.458	1.20 B	6
7	1.49 B	0.8108	0.9578	0.8048	3.21	14.4	13.2	7.14	5.14	3.22	2.438	1.19 B	7
8	1.43 B	0.8328	0.9388	0.8698	3.50	15.1	13.4	6.95	4.91	3.11	1.988	1.18 B	8
9	1.39 B	0.8518	0.9088	0.8978	3.80	12.4	13.9	6.15	4.82	3.07	1.928	1.16 B	9
10	1.35 B	0.8698	0.9138	0.9158	3.48	11.0	14.4	5.84	5.01	3.14	1.888	1.17 B	10
11	1.29 B	0.8878	0.8888	0.9698	3.28	10.4	13.6	5.49	5.23	3.20	1.798	1.17 B	11
12	1.29 B	0.8948	0.9248	1.06 B	2.90	13.9	12.3	6.26	8.82	3.14	1.728	1.17 B	12
13	1.29 B	0.8948	0.9018	1.21 B	3.01	16.4	10.2	6.65	11.2	3.10	1.728	1.17 B	13
14	1.26 B	0.9118	0.8858	1.76 B	3.82	15.5	9.00	5.32	8.77	3.13	1.908	1.17 B	14
15	1.23 B	0.9138	0.8698	2.04 B	4.80	15.0	8.98	7.07	7.78	3.24	1.788	1.17 B	15
16	1.20 B	0.9138	0.8618	1.79 B	5.55	13.2	8.67	6.32	7.28	3.88	1.688	1.15 B	16
17	1.18 B	0.8938	0.8788	1.54 B	5.13	11.7	10.4	6.17	6.85	3.48	1.628	1.17 B	17
18	1.15 B	0.8798	0.8758	1.51 B	12.7	14.0	8.81	6.14	6.72	3.31	1.568	1.19 B	18
19	1.12 B	0.8498	0.8528	1.45 B	17.0	18.1	8.84	6.11	5.86	3.29	1.528	1.16 B	19
20	1.14 B	0.8468	0.8648	1.38 B	16.7	19.8	8.66	6.51	5.43	3.46	1.478	1.13 B	20
21	1.09 B	0.8478	0.8468	1.35 B	19.1	14.2	9.47	5.35	5.20	3.26	1.408	1.10 B	21
22	1.01 B	0.8458	0.8618	1.35 B	19.8	12.3	9.77	7.84	5.01	3.23	1.398	1.06 B	22
23	1.01 B	1.00 B	0.8288	1.35 B	19.2	10.4	10.1	7.53	4.85	3.12	1.378	1.02 B	23
24	0.9938	0.9788	0.8388	1.35 B	22.8	9.45	9.15	7.39	4.70	3.05	1.348	1.03 B	24
25	0.9408	0.9678	0.8538	1.39 B	25.5	8.48	8.41	7.43	4.65	3.04	1.328	0.9858	25
26	0.9088	0.9588	0.8608	1.39 B	18.9	8.36	7.97	6.75	4.39	2.718	1.288	0.9408	26
27	0.8968	0.9538	0.8698	1.42 B	14.5	9.83	7.37	6.31	4.18	2.858	1.248	0.9068	27
28	0.8788	0.9358	0.8408	1.49 B	13.8	13.1	7.19	6.06	3.88	2.588	1.228	0.8598	28
29	0.8298		0.8348	1.54	13.5	16.9	7.45	5.96	3.80	2.518	1.208	0.8398	29
30	0.7848		0.8228	1.62	15.4	22.3	7.85	6.29	3.80	2.498	1.178	0.8478	30
31	0.7218		0.8288		16.0		8.04	6.72		2.478		0.9248	31
TOTAL	35.830	24.671	27.853	37.366	312.82	416.03	346.51	213.76	168.71	98.55	52.46	33.832	TOTAL
MEAN	1.16	0.881	0.892	1.25	10.1	13.9	11.2	6.90	5.62	3.18	1.75	1.09	MEAN
MAX	1.49	1.00	1.03	2.04	25.5	22.3	18.9	8.38	11.2	3.85	2.57	1.20	MAX
MIN	0.721	0.708	0.822	0.773	1.80	8.36	7.19	5.32	3.80	2.47	1.17	0.839	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.84
MAXIMUM DAILY, 25.5 ON MAY 25
MINIMUM DAILY, 0.7088 ON FEB 1
MAXIMUM INSTANTANEOUS,
27.9 AT 04:00 MST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 26 02 N
LONG 116 10 20 W
DRAINAGE AREA, 306 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 100	JUL	29 900
FEB	2 130	AUG	18 500
MAR	2 390	SEP	14 600
APR	3 230	OCT	8 510
MAY	27 000	NOV	4 530
JUN	35 900	DEC	2 920

TOTAL DISCHARGE, 153 000 dam³

PIYAMI DRAIN NEAR PICTURE BUTTE - STATION NO. 05AD037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.005	0.598	0.438	0.049	0.188	0.350	---	---	1
2	---	---	---	---	0.004	0.638	0.463	0.001	0.177	0.285	---	---	2
3	---	---	---	---	0.003	0.587	0.473	0	0.177	0.230	---	---	3
4	---	---	---	---	0.001	0.597	0.482	0	0.190	0.243	---	---	4
5	---	---	---	---	0	0.630	0.358	0	0.213	0.291	---	---	5
6	---	---	---	---	0	0.233	0.238	0	0.240	0.315	---	---	6
7	---	---	---	---	0	0.249	0.088	0.038	0.209	0.282	---	---	7
8	---	---	---	---	0	0.413	0.222	0.308	0.229	0.486	---	---	8
9	---	---	---	---	0	0.502	0.303	0.284	0.203	0.497	---	---	9
10	---	---	---	---	0	0.432	0.527	0.499	0.188	0.462	---	---	10
11	---	---	---	---	0	0.347	0.383	0.888	0.288	0.471	---	---	11
12	---	---	---	---	0.002	0.403	0.256	0.889	0.778	0.181	---	---	12
13	---	---	---	---	0	0.459	0.178	0.390	1.37	0.078	---	---	13
14	---	---	---	---	0	0.408	0.259	0.117	0.598	0.082	---	---	14
15	---	---	---	---	0	0.357	0.171	0.811	0.378	0.037	---	---	15
16	---	---	---	---	0.188	0.374	0.015	0.904	0.310	0.013	---	---	16
17	---	---	---	---	0.196	0.488	0	0.598	0.270	0.008	---	---	17
18	---	---	---	---	0.230	0.415	0	0.642	0.303	0.012	---	---	18
19	---	---	---	---	0.196	0.458	0	0.388	0.371	0.025	---	---	19
20	---	---	---	---	0.189	0.888	0	0.148	0.378	0.008	---	---	20
21	---	---	---	---	0.238	0.784	0	0.318	0.348	0.008	---	---	21
22	---	---	---	---	0.288	0.848	0.058	0.403	0.283	0.014	---	---	22
23	---	---	---	---	0.311	0.717	0.202	0.248	0.288	0.008	---	---	23
24	---	---	---	---	0.281	0.840	0.121	0.224	0.290	0.005	---	---	24
25	---	---	---	---	0.217	0.788	0.084	0.203	0.285	0.003	---	---	25
26	---	---	---	---	0.195	0.873	0.079	0.192	0.287	0.003	---	---	26
27	---	---	---	---	0.204	0.886	0.113	0.188	0.278	0.002	---	---	27
28	---	---	---	---	0.252	0.887	0.118	0.181	0.313	0.001	---	---	28
29	---		---	---	0.287	0.334	0.147	0.118	0.298	0	---	---	29
30	---		---	0.008A	0.833	0.412	0.128	0.104	0.329	0	---	---	30
31	---		---		0.578		0.108	0.102		0 A		---	31
TOTAL	---	---	---	---	6.819	15.748	5.983	8.282	10.002	4.483	---	---	TOTAL
MEAN	---	---	---	---	0.148	0.525	0.192	0.267	0.333	0.144	---	---	MEAN
MAX	---	---	---	---	0.833	0.848	0.527	0.904	1.37	0.497	---	---	MAX
MIN	---	---	---	---	0	0.233	0	0	0.188	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.267
MAXIMUM DAILY, 1.37 ON SEP 13
MINIMUM DAILY, 0 ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 49 N
LONG (1)2 49 49 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	915
FEB	---	AUG	716
MAR	---	SEP	894
APR	---	OCT	388
MAY	388	NOV	---
JUN	1 389	DEC	---

TOTAL DISCHARGE, 4 340 dam³

POINTE-AUX-PINS CREEK NEAR ARDROSSAN - STATION NO. 05EB903

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.54	0.858	0.085	0.006	0	0	0.002	---	---	1
2	---	---	0 B	4.13	0.801	0.038	0.003	0	0	0.002	---	---	2
3	---	---	0 B	3.32	0.705	0.014	0	0	0	0.002	---	---	3
4	---	---	0 B	2.78	0.623	0.006	0.006	0	0	0.002	---	---	4
5	---	---	0 B	2.21	0.489	0.003	0.065	0	0	0.002	---	---	5
6	---	---	0 B	1.85	0.405	0	0.038	0	0	0.003	---	---	6
7	---	---	0 B	1.59	0.353	0	0.015	0	0	0.003	---	---	7
8	---	---	0 B	1.35	0.329	0	0	0	0	0.003	---	---	8
9	---	---	0 B	1.31	0.304	0	0	0	0	0.003	---	---	9
10	---	---	0 B	1.28	0.280	0	0	0	0	0.004	---	---	10
11	---	---	0 B	1.16	0.221	0	0	0	0	0.004	---	---	11
12	---	---	0 B	1.04	0.191	0	0	0	0	0.004	---	---	12
13	---	---	0 B	0.920	0.157	0.019	0	0	0	0.004	---	---	13
14	---	---	0 B	0.819	0.119	0.023	0	0	0	0.004	---	---	14
15	---	---	0 B	0.693	0.084	0.010	0	0	0	0.004	---	---	15
16	---	---	0.0678	0.638	0.078	0.010	0	0	0.001	0.004	---	---	16
17	---	---	0.1348	0.584	0.061	0.007	0	0	0.001	0.004	---	---	17
18	---	---	0.7088	0.498	0.059	0.002	0	0	0.001	0.004	---	---	18
19	---	---	0.8388	0.402	0.047	0	0	0	0.001	0.004	---	---	19
20	---	---	0.9778	0.381	0.035	0	0	0	0.001	0.004	---	---	20
21	---	---	1.03 B	0.231	0.023	0	0	0	0.001	0.004	---	---	21
22	---	---	1.10 B	0.232	0.016	0	0	0	0.001	0.004	---	---	22
23	---	---	1.07 B	0.589	0.007	0	0	0	0.001	0.004	---	---	23
24	---	---	1.22 B	0.834	0.030	0.588	0	0	0.001	0.004	---	---	24
25	---	---	1.41 B	0.885	0.078	0.310	0	0	0.001	0.004	---	---	25
26	---	---	1.35	1.13	0.139	0.143	0	0	0.001	0.004	---	---	26
27	---	---	1.19	1.31	0.104	0.070	0	0	0.001	0.004	---	---	27
28	---	---	1.17	1.21	0.281	0.045	0	0	0.001	0.004	---	---	28
29	---		1.28	1.12	0.133	0.036	0	0	0.001	0.004	---	---	29
30	---		1.51	1.08	0.074	0.017	0	0	0.001	0.004	---	---	30
31	---		2.84		0.078		0	0		0.004		---	31
TOTAL	---	---	17.789	38.995	7.188	1.430	0.127	0	0.015	0.110	---	---	TOTAL
MEAN	---	---	0.573	1.30	0.232	0.047	0.004	0	0.001	0.004	---	---	MEAN
MAX	---	---	2.84	4.13	0.858	0.588	0.065	0	0.001	0.004	---	---	MAX
MIN	---	---	0	0.222	0.007	0	0	0	0	0.002	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.223
MAXIMUM DAILY, 4.13 ON APR 2
MINIMUM DAILY, 0 ON JUN 6
MAXIMUM INSTANTANEOUS,
5.09 AT 01:55 MST ON APR 2

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 56 N
LONG 113 09 48 W
DRAINAGE AREA, 108 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11.0
FEB	---	AUG	0
MAR	1 940	SEP	1.30
APR	3 370	OCT	9.50
MAY	831	NOV	---
JUN	123	DEC	---

TOTAL DISCHARGE, 4 140 dam³

POINTE-AUX-PINS TRIBUTARY NO. 1 NEAR ARDROSSAN - STATION NO. 05EB904

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.537	0.085	0.014	0.001	0	0	0	---	---	1
2	---	---	0 B	0.700	0.059	0.008	0	0	0	0	---	---	2
3	---	---	0 B	0.624	0.050	0.001	0	0	0	0	---	---	3
4	---	---	0 B	0.361	0.049	0	0.057	0	0	0	---	---	4
5	---	---	0 B	0.223	0.045	0	0.030	0	0	0	---	---	5
6	---	---	0 B	0.187	0.038	0	0.007	0	0	0	---	---	6
7	---	---	0 B	0.215	0.030	0	0.007	0	0	0	---	---	7
8	---	---	0 B	0.181	0.023	0	0.001	0	0	0	---	---	8
9	---	---	0 B	0.171	0.020	0	0	0	0	0	---	---	9
10	---	---	0 B	0.161	0.020	0	0	0	0	0	---	---	10
11	---	---	0 B	0.150	0.015	0	0	0	0	0	---	---	11
12	---	---	0 B	0.140	0.014	0.003	0	0	0	0	---	---	12
13	---	---	0 B	0.149	0.013	0.013	0	0	0	0	---	---	13
14	---	---	0.0018	0.178	0.013	0.006	0	0	0	0	---	---	14
15	---	---	0.0038	0.126	0.011	0.005	0	0	0	0	---	---	15
16	---	---	0 B	0.110	0.009	0.010	0	0	0	0	---	---	16
17	---	---	0.0068	0.088	0.007	0.009	0	0	0	0	---	---	17
18	---	---	0.0438	0.070	0.006	0.007	0	0	0	0	---	---	18
19	---	---	0.0828	0.037	0.002	0.001	0	0	0	0	---	---	19
20	---	---	0.0798	0.017	0	0	0	0	0	0	---	---	20
21	---	---	0.0738	0.004	0	0	0	0	0	0	---	---	21
22	---	---	0.0818	0.011	0	0	0	0	0	0	---	---	22
23	---	---	0.1018	0.088	0	0.003	0	0	0	0	---	---	23
24	---	---	0.1398	0.086	0	0.153	0	0	0	0	---	---	24
25	---	---	0.1128	0.193	0.078	0.108	0	0	0	0	---	---	25
26	---	---	0.1188	0.190	0.113	0.068	0	0	0	0	---	---	26
27	---	---	0.0488	0.218	0.082	0.038	0	0	0	0	---	---	27
28	---	---	0.0888	0.231	0.311	0.030	0	0	0	0	---	---	28
29	---		0.218	0.136	0.082	0.008	0	0	0	0	---	---	29
30	---		0.226	0.091	0.021	0.002	0	0	0	0	---	---	30
31	---		0.458		0.024		0	0		0		---	31
TOTAL	---	---	1.888	3.850	1.180	0.473	0.103	0	0	0	---	---	TOTAL
MEAN	---	---	0.060	0.128	0.037	0.016	0.003	0	0	0	---	---	MEAN
MAX	---	---	0.458	0.700	0.311	0.153	0.057	0	0	0	---	---	MAX
MIN	---	---	0	0.004	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.035
MAXIMUM DAILY, 0.700 ON APR 2
MINIMUM DAILY, 0 ON MAY 20
MAXIMUM INSTANTANEOUS,
0.833 AT 19:25 MST ON APR 1

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 43 N
LONG 113 08 48 W
DRAINAGE AREA, 17.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6.90
FEB	---	AUG	0
MAR	190	SEP	0
APR	488	OCT	0
MAY	100	NOV	---
JUN	49.8	DEC	---

TOTAL DISCHARGE, 838 dam³

POINTE-AUX-PINS TRIBUTARY NO. 3 NEAR ARDROSSAN - STATION NO. 05ED910

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.579	0.010	0.001	0	0	0	0	---	---	1
2	---	---	0 B	0.588	0.009	0.001	0	0	0	0	---	---	2
3	---	---	0 B	0.208	0.005	0	0	0	0	0	---	---	3
4	---	---	0 B	0.074	0.011	0	0	0	0	0	---	---	4
5	---	---	0 B	0.054	0.009	0	0	0	0	0	---	---	5
6	---	---	0 B	0.045	0.007	0	0	0	0	0	---	---	6
7	---	---	0 B	0.038	0.006	0	0.001	0	0	0	---	---	7
8	---	---	0 B	0.028	0.005	0	0	0	0	0	---	---	8
9	---	---	0 B	0.032	0.005	0	0	0	0	0	---	---	9
10	---	---	0 B	0.024	0.004	0	0	0	0	0	---	---	10
11	---	---	0 B	0.021	0.003	0	0	0	0	0	---	---	11
12	---	---	0 B	0.016	0.003	0	0	0	0	0	---	---	12
13	---	---	0 B	0.009	0.002	0	0	0	0	0	---	---	13
14	---	---	0 B	0.007	0.002	0	0	0	0	0	---	---	14
15	---	---	0 B	0.005	0.001	0	0	0	0	0	---	---	15
16	---	---	0.0248	0.004	0.001	0	0	0	0	0	---	---	16
17	---	---	0.0478	0.004	0.001	0	0	0	0	0	---	---	17
18	---	---	0.0838	0.004	0.001	0	0	0	0	0	---	---	18
19	---	---	0.0788	0.004	0.001	0	0	0	0	0	---	---	19
20	---	---	0.1418	0.005	0	0	0	0	0	0	---	---	20
21	---	---	0.2308	0.006	0	0	0	0	0	0	---	---	21
22	---	---	0.1478	0.008	0	0	0	0	0	0	---	---	22
23	---	---	0.1188	0.016	0	0.002	0	0	0	0	---	---	23
24	---	---	0.1878	0.058	0.002	0.003	0	0	0	0	---	---	24
25	---	---	0.3328	0.108	0.003	0.004	0	0	0	0	---	---	25
26	---	---	0.2438	0.097	0.002	0	0	0	0	0	---	---	26
27	---	---	0.200	0.085	0.001	0	0	0	0	0	---	---	27
28	---	---	0.118	0.048	0	0	0	0	0	0	---	---	28
29	---		0.139	0.025	0.003	0	0	0	0	0	---	---	29
30	---		0.298	0.014	0.002	0	0	0	0	0	---	---	30
31	---		0.578		0.003		0			0		---	31
TOTAL	---	---	2.970	2.310	0.104	0.070	0.001	0	0	0	---	---	TOTAL
MEAN	---	---	0.096	0.077	0.003	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	0.578	0.578	0.011	0.063	0.001	0	0	0	---	---	MAX
MIN	---	---	0	0.004	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.012
MAXIMUM DAILY, 0.578 ON APR 1
MINIMUM DAILY, 0 ON MAY 20
MAXIMUM INSTANTANEOUS,
0.940 AT 22:28 MST ON APR 1

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 38 48 N
LONG 113 08 49 W
DRAINAGE AREA, 8.34 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.09
FEB	---	AUG	0
MAR	257	SEP	0
APR	200	OCT	0
MAY	8.99	NOV	---
JUN	6.05	DEC	---

TOTAL DISCHARGE, 215 dam³

POINTE-AUX-PINS TRIBUTARY NO. 3 NEAR ARDROSSAN - STATION NO. 05ED911

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.193	0.013	0.001	0.001	0	0	0	---	---	1
2	---	---	0 B	0.130	0.011	0.001	0	0	0	0	---	---	2
3	---	---	0 B	0.070	0.010	0.001	0	0	0	0	---	---	3
4	---	---	0 B	0.032	0.013	0.001	0	0	0	0	---	---	4
5	---	---	0 B	0.047E	0.011	0.001	0	0	0	0	---	---	5
6	---	---	0 B	0.047	0.009	0.001	0	0	0	0	---	---	6
7	---	---	0 B	0.030E	0.008	0.001	0	0	0	0	---	---	7
8	---	---	0 B	0.027	0.004	0.001	0	0	0	0	---	---	8
9	---	---	0 B	0.038E	0.004	0.001	0	0	0	0	---	---	9
10	---	---	0 B	0.030	0.004	0.001	0	0	0	0	---	---	10
11	---	---	0 B	0.025E	0.002	0.001	0	0	0	0	---	---	11
12	---	---	0 B	0.017E	0.002	0.001	0	0	0	0	---	---	12
13	---	---	0 B	0.012E	0.001	0.001	0	0	0	0	---	---	13
14	---	---	0 B	0.011E	0.001	0	0	0	0	0	---	---	14
15	---	---	0.001B	0.010E	0.001	0	0	0	0	0	---	---	15
16	---	---	0.001B	0.009	0.001	0	0	0	0	0	---	---	16
17	---	---	0.0029	0.008E	0.001	0	0	0	0	0	---	---	17
18	---	---	0.0128	0.007	0.001	0	0	0	0	0	---	---	18
19	---	---	0.0578	0.007	0.001	0	0	0	0	0	---	---	19
20	---	---	0.0488	0.006	0.001	0	0	0	0	0	---	---	20
21	---	---	0.0188	0.008	0.001	0	0	0	0	0	---	---	21
22	---	---	0.0238	0.010	0.001	0	0	0	0	0	---	---	22
23	---	---	0.0268	0.018	0.001	0.001	0	0	0	0	---	---	23
24	---	---	0.0288	0.033	0.001	0.033	0	0	0	0	---	---	24
25	---	---	0.0308	0.028	0.001	0.012	0	0	0	0	---	---	25
26	---	---	0.0298	0.031	0.001	0.005	0	0	0	0	---	---	26
27	---	---	0.0188	0.029	0.001	0.003	0	0	0	0	---	---	27
28	---	---	0.0088	0.030	0.001	0.001	0	0	0	0	---	---	28
29	---		0.029E	0.024	0.002	0.001	0	0	0	0	---	---	29
30	---		0.060E	0.018	0.001	0	0	0	0	0	---	---	30
31	---		0.130E		0.001		0			0		---	31
TOTAL	---	---	0.507	0.557	0.107	0.058	0.001	0	0	0	---	---	TOTAL
MEAN	---	---	0.016	0.032	0.003	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	0.130	0.193	0.013	0.033	0.001	0	0	0	---	---	MAX
MIN	---	---	0	0.008	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.193 ON APR 1
MINIMUM DAILY, 0 ON JUN 14
MAXIMUM INSTANTANEOUS,
0.193 AT 12:00 MST ON APR 1

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 38 44 N
LONG 113 08 47 W
DRAINAGE AREA, 3.55 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.09
FEB	---	AUG	0
MAR	43.8	SEP	0
APR	92.7	OCT	0
MAY	8.36	NOV	---
JUN	5.88	DEC	---

TOTAL DISCHARGE, 97.0 dam³

PONTON RIVER ABOVE BOYER RIVER - STATION NO. 07JF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.6508	2.028	9.78	23.0	10.8 E	14.2	28.1	13.0	---	---	1
2	---	---	0.6208	2.058	14.3	21.7	10.6 E	13.6	26.9	11.3	---	---	2
3	---	---	0.6008	2.048	27.4	17.9	10.9 E	12.7 E	23.7	11.3	---	---	3
4	---	---	0.5958	2.028	55.1	17.88	10.9 E	11.8	21.8	11.4	---	---	4
5	---	---	0.5958	2.008	101	17.8	11.0	11.8	20.4	11.1	---	---	5
6	---	---	0.5958	1.988	134	17.5	10.5	11.6	21.1	11.2 E	---	---	6
7	---	---	0.5958	1.758	131	16.6	10.2 E	11.8 E	20.0	11.3	---	---	7
8	---	---	0.6008	1.838	135	16.0E	10.0	11.7 E	19.9	10.8	---	---	8
9	---	---	0.6008	1.848	141	15.4	9.85	11.8	19.8	10.2 E	---	---	9
10	---	---	0.6008	2.008	132	15.3	9.78	12.4 E	18.1E	9.58	---	---	10
11	---	---	0.6058	2.058	125	14.7E	9.68E	13.0	17.4	9.81	---	---	11
12	---	---	0.6058	2.068	118	14.0	9.93	11.3 E	17.3E	9.99	---	---	12
13	---	---	0.6058	2.008	86.1	13.6E	9.00	9.86	16.9	9.52	---	---	13
14	---	---	0.6108	1.988	65.7	13.2	8.94E	9.85	15.6	9.24	---	---	14
15	---	---	0.6708	2.028	77.6	13.1	8.87E	10.3	15.7	8.80	---	---	15
16	---	---	0.6508	2.108	80.6	13.0E	8.80	10.0	15.0E	8.71E	---	---	16
17	---	---	0.7008	2.188	82.6	12.8	8.68	11.6	15.4	8.62	---	---	17
18	---	---	0.7708	2.588	88.4	12.6	9.05	8.91	14.6	8.80E	---	---	18
19	---	---	0.8808	2.188	90.3	13.2	9.80E	9.20E	13.6	8.58	---	---	19
20	---	---	1.358	3.038	46.8 E	12.6	10.6	9.45	13.4	8.43E	---	---	20
21	---	---	1.858	2.938	41.2	12.1	10.8	12.0 E	13.0	8.29	---	---	21
22	---	---	1.708	3.638	37.5 E	11.6	11.4	10.6	13.0	7.868	---	---	22
23	---	---	1.708	3.378	33.6	12.2	17.3	17.2	12.8E	8.008	---	---	23
24	---	---	1.458	3.678	33.4	12.2E	42.9	15.3	12.6	9.298	---	---	24
25	---	---	1.358	3.818	32.1 E	12.3	36.7	14.3	12.6	9.008	---	---	25
26	---	0.6838	1.408	4.238	30.8	11.6	29.5	15.2	12.0	8.888	---	---	26
27	---	0.7008	1.458	5.438	28.3 E	11.3	25.3	18.5	11.3	3.768	---	---	27
28	---	0.7108	1.728	5.888	25.8	11.1	21.4	44.8	11.2E	3.008	---	---	28
29	---		1.818	6.318	25.1	10.7	18.8	61.6	11.3	3.138	---	---	29
30	---		1.928	8.95	23.8	10.7E	17.1 E	38.6	11.0	3.648	---	---	30
31	---		2.008		23.3		15.9 E	28.7		4.008		---	31
TOTAL	---	---	31.385	82.78	1 984.88	429.4	443.81	482.78	491.2	284.87	---	---	TOTAL
MEAN	---	---	1.01	2.09	64.4	14.3	14.3	15.6	16.4	9.22	---	---	MEAN
MAX	---	---	2.00	8.95	141	23.0	42.9	44.8	28.1	13.0	---	---	MAX
MIN	---	---	0.596	1.76	9.78	10.7	8.80	8.91	11.0	3.00	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.2
MAXIMUM DAILY, 141 ON MAY 9
MINIMUM DAILY, 0.5958 ON MAR 4
MAXIMUM INSTANTANEOUS,
144 AT 08:00 MST ON MAY 9

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 27 03 N
LONG 113 15 23 W
DRAINAGE AREA, 2 460 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	38 300
FEB	---	AUG	41 700
MAR	2 710	SEP	42 400
APR	8 010	OCT	22 000
MAY	172 000	NOV	---
JUN	37 100	DEC	---

TOTAL DISCHARGE, 384 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM A GRAPH OF OBSERVED READINGS

PONY CREEK NEAR CHARD - STATION NO. 07CE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0309	0.3189	0.18 A	1.88	0.730E	0.368E	0.187	1.30	---	---	1
2	---	---	0.0189	0.3368	0.85 E	1.83	0.880E	0.388E	0.200	1.18	---	---	2
3	---	---	0.0198	0.3589	2.72 E	1.53	0.830E	0.348E	0.230	1.31	---	---	3
4	---	---	0.0108	0.3738	3.49 A	1.48	0.800E	0.328E	0.247	1.16	---	---	4
5	---	---	0.0109	0.3838	3.82 E	1.28	0.675E	0.300E	0.337	1.39	---	---	5
6	---	---	0.0138	0.3958	28.6 E	1.17	0.670E	0.288E	0.385	1.28	---	---	6
7	---	---	0.0148	0.3308	19.3 E	1.18	0.670E	0.285E	0.348	1.31	---	---	7
8	---	---	0.0188	0.3658	14.8 E	1.21	0.670E	0.238E	0.308	1.18	---	---	8
9	---	---	0.0168	0.4008	12.1 E	1.18	0.955E	0.338E	0.788	1.09	---	---	9
10	---	---	0.0208	0.4758	9.81 E	1.16	0.820E	0.340E	0.287	1.05	---	---	10
11	---	---	0.0208	0.5608	8.37	0.988A	0.685E	0.328E	0.343	1.08	---	---	11
12	---	---	0.0238	0.6308	7.10	0.820E	0.670E	0.317E	0.368	1.13	---	---	12
13	---	---	0.0238	0.7408	6.13	0.670E	0.688E	0.310E	0.321	1.16	---	---	13
14	---	---	0.0248	0.8208	5.30	0.635E	0.585E	0.307E	0.488	1.05	---	---	14
15	---	---	0.0248	1.13 B	4.59	0.600E	0.600E	0.303E	0.601	0.988	---	---	15
16	---	---	0.0258	1.46 B	4.03	0.775E	0.670E	0.300E	0.703	0.9208	---	---	16
17	---	---	0.0278	2.00 B	3.60	0.740E	0.660E	0.195E	0.784	0.8108	---	---	17
18	---	---	0.0288	2.35 B	3.09	0.700E	0.613E	0.190E	0.905	0.7108	---	---	18
19	---	---	0.0408	2.05 B	2.77	0.690E	0.390E	0.185E	0.885	0.6008	---	---	19
20	---	---	0.0488	1.80 B	2.52	0.685E	0.370E	0.180E	0.894	0.5008	---	---	20
21	---	---	0.0658	1.63 B	2.08	0.683E	0.380E	0.178E	0.884	0.5308	---	---	21
22	---	---	0.0858	1.86 B	1.82	0.880E	0.330E	0.171A	1.03	0.4758	---	---	22
23	---	---	0.0758	1.76 B	1.66	0.670E	0.320E	0.181	1.08	0.4358	---	---	23
24	---	---	0.0908	3.33 B	1.48	0.675E	0.313E	0.185	1.10	0.3958	---	---	24
25	---	---	0.1058	3.80 B	1.37	0.700E	0.328E	0.158	1.14	0.3638	---	---	25
26	---	---	0.1228	3.30 B	1.04	0.740E	0.380E	0.165	1.20	0.3108	---	---	26
27	---	---	0.1388	4.15 A	0.838	0.815E	0.400E	0.168	1.24	0.3028	---	---	27
28	---	---	0.1508	4.88	0.980	0.880E	0.420E	0.168	1.24	0.2828	---	---	28
29	---		0.1858	7.48	0.837	0.880E	0.420E	0.188	1.19	0.2438	---	---	29
30	---		0.1868	8.84	0.983	0.830E	0.418E	0.184	1.18	0.2238	---	---	30
31	---		0.2038		1.28		0.400E	0.177		0.2188		---	31
TOTAL	---	---	1.886	84.870	188.488	29.388	16.883	8.931	30.870	24.458	---	---	TOTAL
MEAN	---	---	0.068	1.82	6.08	0.880	0.671	0.217	0.888	0.789	---	---	MEAN
MAX	---	---	0.203	7.48	24.8	1.88	0.730	0.388	1.24	1.30	---	---	MAX
MIN	---	---	0.018	0.318	0.837	0.670	0.313	0.158	0.187	0.218	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.31
MAXIMUM DAILY, 24.8 ON MAY 6
MINIMUM DAILY, 0.0108 ON MAR 4
MAXIMUM INSTANTANEOUS,
28.0 AT 10:00 MST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 01 55 N
LONG 119 55 00 W
DRAINAGE AREA, 278 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 980
FEB	---	AUG	962
MAR	788	SEP	1 780
APR	4 710	OCT	3 110
MAY	18 880	NOV	---
JUN	3 840	DEC	---

TOTAL DISCHARGE, 37 700 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM LOGARITHMIC STAGE - DISCHARGE CURVE EXTENSION

POPLAR CREEK NEAR FORT MCMURRAY - STATION NO. 07DA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	00	00	0 0	0.1708	5.29	2.10	0.982	0.130	0.073	0.484	0.6702	0.1469	1
2	00	00	0 0	0.2308	5.44	1.83	0.943	0.100	0.062	0.554	0.6502	0.1258	2
3	00	00	0 0	0.4849	5.74	1.76	0.918	0.084	0.100	0.602	0.6252	0.1078	3
4	00	00	0 0	0.5008	7.47	1.70	0.914	0.143	0.110	0.566	0.6002	0.0958	4
5	00	00	0 0	0.7008	11.6	1.72	0.918	0.216	0.172	0.600	0.7952	0.0809	5
6	00	00	0 0	0.7108	14.5	1.71	0.883	0.145	0.116	0.659	0.7902	0.0678	6
7	00	00	0 0	0.7108	17.8	1.95	0.826	0.108	0.090	0.664	0.7258	0.0558	7
8	00	00	0 0	0.7128	22.9	1.96	0.783	0.088	0.083	0.655	0.7108	0.0485	8
9	00	00	0 0	0.712	21.4	1.48	0.704	0.092	0.088	0.622	0.6908	0.0408	9
10	00	00	0 0	1.08	18.3	1.43	0.843	0.088	0.087	0.711	0.6708	0.0358	10
11	00	00	0 0	1.21	15.5	1.25	0.576	0.080	0.080	0.748	0.6408	0.0278	11
12	00	00	0 0	1.20	13.3	1.21	0.529	0.068	0.085	0.804	0.6008	0.0188	12
13	00	00	0 0	1.82	11.4	1.18	0.487	0.066	0.088	0.819	0.5708	0.0158	13
14	00	00	0 0	1.81	10.0	1.12	0.430	0.060	0.085	0.778	0.5408	0.0108	14
15	00	00	0 0	1.83	8.66	1.06	0.390	0.041	0.088	0.783	0.5058	0.0068	15
16	00	00	0.0368	1.88	7.79	1.20	0.290	0.034	0.172	0.780	0.4758	0 0	16
17	00	00	0.0808	1.70	7.27	1.11	0.231	0.035	0.212	0.834	0.4458	0 0	17
18	00	00	0.1158	1.73	6.56	0.978	0.170	0.034	0.183	0.884	0.4158	0 0	18
19	00	00	0.1908	1.72	5.80	0.824	0.120	0.031	0.167	0.890	0.3858	0 0	19
20	00	00	0.2428	1.93	5.32	0.902	0.098	0.040	0.184	0.855	0.3508	0 0	20
21	00	00	0.2808	1.96	4.86	0.838	0.088	0.085	0.189	0.838	0.3258	0 0	21
22	00	00	0.2798	1.93	4.61	0.811	0.241	0.058	0.182	0.860	0.3008	0 0	22
23	00	00	0.2558	1.85	4.22	0.733	0.300	0.055	0.174	0.871	0.2808	0 0	23
24	00	00	0.2408	1.66	3.86	0.784	0.212	0.026	0.144	0.854	0.2608	0 0	24
25	00	00	0.2228	1.65	3.90	1.10	0.168	0.132	0.102	0.873	0.2438	0 0	25
26	00	00	0.2038	1.97	3.20	1.11	0.262	0.107	0.175	0.923	0.2288	0 0	26
27	00	00	0.1968	3.01	2.94	1.04	0.343	0.088	0.118	0.888	0.2178	0 0	27
28	00	00	0.1868	4.06	2.61	0.893	0.282	0.072	0.141	0.892	0.2068	0 0	28
29	00		0.1748	4.70	2.42	0.804	0.190	0.073	0.206	0.830	0.1888	0 0	29
30	00		0.1658	5.02	2.30	0.858	0.163	0.081	0.332	0.901A	0.1858	0 0	30
31	00		0.1608		2.37		0.142	0.081		0.890E		0 0	31
TOTAL	0	0	3.018	50.758	259.11	37.183	14.267	3.485	4.006	23.011	15.018	0.867	TOTAL
MEAN	0	0	0.097	1.69	8.35	1.24	0.460	0.080	0.137	0.771	0.501	0.028	MEAN
MAX	0	0	0.280	5.02	22.9	2.10	0.982	0.216	0.332	0.933	0.870	0.140	MAX
MIN	0	0	0	0.170	2.30	0.733	0.091	0.026	0.073	0.484	0.185	0	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.13
MAXIMUM DAILY, 22.9 ON MAY 8
MINIMUM DAILY, 00 ON JAN 1
MAXIMUM INSTANTANEOUS,
26.1 AT 14:41 MST ON MAY 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 54 50 N
LONG 111 27 35 W
DRAINAGE AREA, 101 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1976

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	1 230
FEB	0	AUG	215
MAR	281	SEP	354
APR	4 390	OCT	2 070
MAY	22 400	NOV	1 300
JUN	3 210	DEC	74.9

TOTAL DISCHARGE, 35 500 dam³

PORTER CREEK ABOVE BAPTISTE LAKE - STATION NO. 07BE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0248	0.1308	0.672	0.070	0.059	0.017	0.013	0.024	---	---	1
2	---	---	0.0248	0.2008	0.593	0.068	0.055	0.017	0.011	0.028	---	---	2
3	---	---	0.0248	0.2808	0.551	0.063	0.050	0.017	0.014	0.026	---	---	3
4	---	---	0.0248	0.3288	0.503	0.062	0.046	0.017	0.012	0.028	---	---	4
5	---	---	0.0248	0.4348	0.950	0.061	0.042	0.017	0.010	0.028	---	---	5
6	---	---	0.0248	0.3948	0.510	0.058	0.041	0.016	0.013	0.028	---	---	6
7	---	---	0.0248	0.4118	0.508	0.056	0.039	0.016	0.011	0.029	---	---	7
8	---	---	0.0248	0.4808	0.418	0.055	0.037	0.017	0.010	0.031	---	---	8
9	---	---	0.0248	0.5408	0.387	0.051	0.034	0.016	0.010	0.034	---	---	9
10	---	---	0.0248	0.5498	0.380	0.050	0.032	0.017	0.009	0.038	---	---	10
11	---	---	0.0288	0.5408	0.324	0.057	0.040	0.015	0.008	0.033	---	---	11
12	---	---	0.0268	0.5478	0.300	0.053	0.034	0.021	0.008	0.035	---	---	12
13	---	---	0.0278	0.5468	0.278	0.054	0.032	0.015	0.010	0.034	---	---	13
14	---	---	0.0288	0.5708	0.285	0.053	0.032	0.015	0.010	0.033	---	---	14
15	---	---	0.0298	0.6008	0.224	0.051	0.030	0.015	0.008	0.033	---	---	15
16	---	---	0.0308	0.5008	0.198	0.052	0.027	0.015	0.010	0.037	---	---	16
17	---	---	0.0318	0.4008	0.178	0.048	0.026	0.014	0.011	0.037	---	---	17
18	---	---	0.0328	0.3508	0.165	0.048	0.024	0.013	0.010	0.034	---	---	18
19	---	---	0.0348	0.3308	0.138	0.048	0.024	0.014	0.008	0.033	---	---	19
20	---	---	0.0398	0.3158	0.123	0.048	0.024	0.019	0.008	0.033	---	---	20
21	---	---	0.0418	0.3008	0.108	0.047	0.023	0.018	0.018	0.031	---	---	21
22	---	---	0.0438	0.2908	0.098	0.047	0.022	0.018	0.021	0.030	---	---	22
23	---	---	0.0458	0.4008	0.087	0.047	0.022	0.018	0.022	0.032	---	---	23
24	---	---	0.0468	0.598A	0.085	0.142	0.023	0.018	0.038	0.026	---	---	24
25	---	---	0.0508	0.828	0.085	0.139	0.021	0.018	0.037	0.027	---	---	25
26	---	---	0.0508	0.812	0.110	0.123	0.020	0.017	0.038	0.028	---	---	26
27	---	---	0.0508	0.845	0.078	0.101	0.023	0.018	0.038	0.0288	---	---	27
28	---	---	0.0508	0.818	0.078	0.084	0.022	0.011	0.038	0.0348	---	---	28
29	---		0.0508	0.845	0.078	0.072	0.022	0.013	0.038	0.0348	---	---	29
30	---		0.0508	0.758	0.074	0.068	0.019	0.018	0.024	0.0348	---	---	30
31	---		0.0508		0.081		0.018	0.018		0.0348	---	---	31
TOTAL	---	---	1.081	15.298	8.388	2.002	0.978	0.499	0.488	0.935	---	---	TOTAL
MEAN	---	---	0.035	0.510	0.287	0.067	0.031	0.018	0.018	0.030	---	---	MEAN
MAX	---	---	0.060	0.845	0.672	0.142	0.059	0.021	0.038	0.037	---	---	MAX
MIN	---	---	0.024	0.130	0.074	0.048	0.018	0.011	0.008	0.024	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.130
MAXIMUM DAILY, 0.845 ON APR 27
MINIMUM DAILY, 0.008 ON SEP 11
MAXIMUM INSTANTANEOUS,
1.10 AT 10:40 MST ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 43 30 N
LONG 113 34 25 W
DRAINAGE AREA, 97.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	84.3
FEB	---	AUG	42.3
MAR	93.4	SEP	39.4
APR	1 320	OCT	78.8
MAY	714	NOV	---
JUN	173	DEC	---

TOTAL DISCHARGE, 2 880 dam³

POTHOLE CREEK AT RUSSELL'S RANCH - STATION NO. 05AE016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.104	0.673	0.342	0.594	0.210	0.648	3.48	---	1
2	---	---	---	---	0.135	0.611	0.286	0.387	0.248	0.436	3.42	---	2
3	---	---	---	---	0.112	0.646	0.303	0.376	0.286	0.397	3.36	---	3
4	---	---	---	---	0.104	0.462	0.328	0.486	0.333	0.372	3.31	---	4
5	---	---	---	---	0.088	0.427	0.186	0.907	0.335	0.3598	3.09	---	5
6	---	---	---	---	0.078	0.401	0.164	0.485	0.545	0.3358	0.8178	---	6
7	---	---	---	---	0.074	0.384	0.284	0.430	0.710	0.3208	0.3778	---	7
8	---	---	---	---	0.070	0.470	0.350	0.282	0.675	0.3108	0.2808	---	8
9	---	---	---	---	0.061	0.388	0.531	0.383	0.884	0.3058	0.2208	---	9
10	---	---	---	---	0.055	0.584	0.488	0.403	0.643	0.358	0.1458	---	10
11	---	---	---	---	0.054	0.485	0.359	0.367	0.648	0.551	0.1208	---	11
12	---	---	---	---	0.055	0.474	0.331	0.420	2.98	0.617	0.1308	---	12
13	---	---	---	---	0.061	0.384	0.344	0.436	2.48	0.582	0.1458	---	13
14	---	---	---	---	0.058	0.376	0.986	0.408	1.37	0.481	0.1808	---	14
15	---	---	---	---	0.048	0.414	0.824	0.783	0.784	0.383	0.1858	---	15
16	---	---	---	---	0.058	0.380	0.830	1.08	0.441	0.348	0.1508	---	16
17	---	---	---	---	0.062	0.488	0.877	0.915	0.332	0.293	0.1458	---	17
18	---	---	---	---	0.072	0.464	0.848	0.813	0.288	0.758	0.1408	---	18
19	---	---	---	---	0.105	0.430	0.883	0.479	0.241	2.14	0.1388	---	19
20	---	---	---	---	0.114	0.389	0.989	0.456	0.285	3.04	0.1308	---	20
21	---	---	---	---	0.178	0.384	0.772	0.723	0.188	3.07	0.1258	---	21
22	---	---	---	---	0.280	0.384	0.728	0.800	0.280	3.09	0.1208	---	22
23	---	---	---	---	0.283	0.484	0.632	0.774	0.409	3.14	0.1188	---	23
24	---	---	---	---	0.312	0.584	0.478	0.648	0.384	3.11	0.1108	---	24
25	---	---	---	---	0.787	0.781	0.611	0.468	0.377	3.10	0.1008	---	25
26	---	---	---	---	0.783	0.807	0.822	0.259	0.352	3.08	0.0908	---	26
27	---	---	---	---	0.588	0.550	0.861	0.188	0.378	3.10	0.0858	---	27
28	---	---	---	---	0.672	0.432	0.857	0.153	0.384	3.09	0.0808	---	28
29	---		---	---	1.01	0.437	0.772	0.140	0.452	3.14	0.0708	---	29
30	---		---	0.138A	0.887	0.437	0.781	0.100	0.483	3.55	0.0658	---	30
31	---		---		0.646		0.672	0.184		3.55		---	31
TOTAL	---	---	---	---	7.585	13.513	17.743	14.787	17.535	47.695	30.990	---	TOTAL
MEAN	---	---	---	---	0.244	0.450	0.572	0.476	0.585	1.54	0.899	---	MEAN
MAX	---	---	---	---	1.01	0.781	0.989	1.08	2.98	3.55	3.48	---	MAX
MIN	---	---	---	---	0.048	0.376	0.144	0.100	0.188	0.293	0.035	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.55 ON OCT 30

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 52 N
LONG 113 49 40 W
DRAINAGE AREA, 772 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1919

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 830
FEB	---	AUG	1 280
MAR	---	SEP	1 520
APR	---	OCT	4 140
MAY	854	NOV	1 810
JUN	1 170	DEC	---

POTHOLE TURNOUT NEAR MACRATH - STATION NO. 05AE035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0.477	1.05	0.817	0.186	0	---	---	1
2	---	---	---	0	0	0.472	1.05	0.906	0.188	0	---	---	2
3	---	---	---	0	0	0.474	1.08	0.456	0.188	0	---	---	3
4	---	---	---	0	0	0.471	1.06	0.467	0.188	0	---	---	4
5	---	---	---	0	0	0.634	1.08	0.397	0.170	0	---	---	5
6	---	---	---	0	0	0.870	1.17	0.388	0.201	0	---	---	6
7	---	---	---	0	0	0.585	1.31	0.405	0.182	0	---	---	7
8	---	---	---	0	0	0.607	1.32	0.583	0.148	0	---	---	8
9	---	---	---	0	0	0.735	1.34	0.620	0.088	0.008	---	---	9
10	---	---	---	0	0	0.789	1.38	0.662	0.081	0.001	---	---	10
11	---	---	---	0	0	0.810	1.37	0.670	0.038	0.026	---	---	11
12	---	---	---	0	0	0.857	1.38	0.620	0.134	0.018	---	---	12
13	---	---	---	0	0	0.862	1.13	0.606	0.139	0	---	---	13
14	---	---	---	0	0	0.834	1.08	0.350	0.116	0	---	---	14
15	---	---	---	0	0	1.06	1.04	0.352	0.021	0	---	---	15
16	---	---	---	0	0	1.10	0.993	0.388	0.050	0	---	---	16
17	---	---	---	0	0	1.12	1.00	0.358	0.034	0	---	---	17
18	---	---	---	0	0	1.07	0.934	0.327	0.032	0	---	---	18
19	---	---	---	0	0	1.08	0.885	0.368	0.032	0	---	---	19
20	---	---	---	0	0	1.08	0.878	0.285	0.018	0	---	---	20
21	---	---	---	0	0	1.08	0.917	0.249	0.018	0	---	---	21
22	---	---	---	0	0	0.881	0.934	0.238	0.018	0	---	---	22
23	---	---	---	0	0	0.838	0.886	0.231	0.032	0	---	---	23
24	---	---	---	0	0.104	0.883	0.883	0.070	0.018	0	---	---	24
25	---	---	---	0	0.287	0.918	0.938	0	0.009	0	---	---	25
26	---	---	---	0	0.405	0.868	0.811	0	0.006	0	---	---	26
27	---	---	0B	0	0.413	0.883	0.826	0	0.002	0	---	---	27
28	---	---	0B	0	0.411	0.837	0.834	0.061	0	0	---	---	28
29	---		0B	0	0.413	0.840	0.770	0.188	0	0	---	---	29
30	---		0B	0	0.417	0.861	0.814	0.183	0	0 A	---	---	30
31	---		0B		0.470		0.878	0.180		0 B		---	31
TOTAL	---	---	---	0	3.900	28.081	31.725	10.881	2.287	0.050	---	---	TOTAL
MEAN	---	---	---	0	0.084	0.838	1.02	0.338	0.076	0.002	---	---	MEAN
MAX	---	---	---	0	0.470	1.12	1.38	0.870	0.201	0.026	---	---	MAX
MIN	---	---	---	0	0	0.471	0.814	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.339
MAXIMUM DAILY, 1.38 ON JUL 10
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 32 37 N
LONG 113 53 52 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 740
FEB	---	AUG	907
MAR	---	SEP	198
APR	0	OCT	4.32
MAY	261	NOV	---
JUN	2 160	DEC	---

TOTAL DISCHARGE, 8 260 dam³

PRAIRIE BLOOD COULEE NEAR LETHBRIDGE - STATION NO. 05AD035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0.005	0	0	0	0	0	0	0	---	---	16
17	---	---	0.025	0	0	0	0	0	0	0	---	---	17
18	---	---	0.010	0	0	0	0	0	0	0	---	---	18
19	---	---	0.004	0	0	0	0	0	0	0	---	---	19
20	---	---	0.001	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	0B	0	0	0	0	0	0	0	0A	---	---	27
28	---	0B	0	0	0	0	0	0	0	0E	---	---	28
29	---		0	0	0	0	0	0	0	0E	---	---	29
30	---		0	0	0	0	0	0	0	0E	---	---	30
31	---		0		0		0	0		0E		---	31
TOTAL	---	---	0.045	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.025	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.025 ON MAR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.043 AT 08:45 MST ON MAR 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 50 N
LONG 112 57 32 W
DRAINAGE AREA, 227 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	3.89	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3.89 dam³

PRAIRIE CREEK BELOW LICK CREEK - STATION NO. 05BD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.4008	0.5808	1.15	1.20	1.14	0.838	1.38	3.41	---	---	1
2	---	---	0.3708	0.5448	1.85	1.07	1.02	0.825	1.27	3.36	---	---	2
3	---	---	0.3408	0.5148	2.11	0.950	0.905	0.807	1.28	3.34	---	---	3
4	---	---	0.3178	0.5388	2.03	0.819	0.832	0.860	1.34	3.29	---	---	4
5	---	---	0.3108	0.5358	1.86	0.807	0.788	0.883	1.47	3.13	---	---	5
6	---	---	0.3058	0.4818	1.37	0.853	0.716	0.826	2.23	2.16	---	---	6
7	---	---	0.3058	0.4828	1.11	0.768	0.888	0.821	1.87	2.09	---	---	7
8	---	---	0.3058	0.5568	0.988	0.778	0.824	1.14	1.78	2.03	---	---	8
9	---	---	0.3058	0.7208	0.982	0.800	0.889	1.38	1.84	1.92	---	---	9
10	---	---	0.3108	0.8888	0.918	0.778	0.883	1.37	2.11	2.00	---	---	10
11	---	---	0.3158	0.8838	0.784	0.718	0.819	1.35	2.35	2.30	---	---	11
12	---	---	0.3208	0.8788	0.718	0.678	0.820	2.10	9.24	2.03	---	---	12
13	---	---	0.3258	1.08 B	0.888	0.888	0.883	3.03	18.7	1.98	---	---	13
14	---	---	0.3308	1.18	0.843	0.850	0.888	1.87	10.4	1.80	---	---	14
15	---	---	0.3358	1.07	0.845	0.820	0.827	2.72	7.18	1.98	---	---	15
16	---	---	0.3408	0.931	0.833	0.800	0.768	3.78	6.73	2.10	---	---	16
17	---	---	0.3558	0.884	0.804	0.887	1.32	3.01	4.88	2.07	---	---	17
18	---	---	0.3858	0.814	0.811	0.840	0.888	2.31	4.30	1.88	---	---	18
19	---	---	0.3758	0.773	0.808	0.807	0.781	1.83	3.98	1.98	---	---	19
20	---	---	0.3838	0.744	0.883	0.841	0.719	1.81	3.78	1.88	---	---	20
21	---	---	0.3868	0.783	0.874	0.812	0.846	2.78	3.88	1.88	---	---	21
22	---	---	0.4068	0.848	0.848	1.23	0.888	3.28	3.38	1.82	---	---	22
23	---	---	0.4188	0.881	0.834	1.62	0.738	2.83	3.18	1.74	---	---	23
24	---	---	0.4268	0.883	0.883	1.88	1.02	2.07	3.33	1.838	---	---	24
25	---	---	0.4378	0.818	0.883	2.75	0.880	1.84	3.18	1.888	---	---	25
26	---	---	0.4288	0.804	1.24	3.48	0.735	1.77	2.87	1.838	---	---	26
27	---	---	0.4208	0.888	1.11	1.25	0.844	1.82	2.87	1.838	---	---	27
28	---	---	0.4188	0.888	1.18	1.08	0.808	1.81	2.78	1.488	---	---	28
29	---		0.4188	0.728	1.31	1.48	0.821	1.43	2.87	1.338	---	---	29
30	---		0.4308	0.888	1.37	1.37	0.812	1.38	2.68	1.838	---	---	30
31	---		0.4888		1.18		0.874	1.34		1.388		---	31
TOTAL	---	---	11.377	23.438	30.881	31.888	23.814	62.887	110.84	58.88	---	---	TOTAL
MEAN	---	---	0.387	0.748	0.884	1.06	0.738	1.79	3.78	1.88	---	---	MEAN
MAX	---	---	0.488	1.18	2.11	3.75	1.38	3.75	18.7	3.41	---	---	MAX
MIN	---	---	0.308	0.481	0.834	0.807	0.818	0.831	1.38	1.83	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.32
MAXIMUM DAILY, 18.7 ON SEP 13
MINIMUM DAILY, 0.3058 ON MAR 6
MAXIMUM INSTANTANEOUS,
18.8 AT 10:39 MST ON SEP 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 10 N
LONG 115 17 30 W
DRAINAGE AREA, 998 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 870
FEB	---	AUG	6 880
MAR	883	SEP	9 880
APR	1 840	OCT	6 880
MAY	2 880	NOV	---
JUN	3 780	DEC	---

TOTAL DISCHARGE, 39 880 dam³

PRAIRIE CREEK NEAR ROCKY MOUNTAIN HOUSE - STATION NO. 05DB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.100	1.09 B	1.150	2.080	2.16	2.01	2.98	1.42	2.06	5.77	3.090	2.180	1
2	1.100	1.06 B	1.120	2.030	2.86	2.83	2.06	1.34	2.56	6.63	3.000	2.100	2
3	1.110	1.02 B	1.090	2.080	3.21	2.76	2.36	1.42	2.48	5.50	2.940	2.120	3
4	1.120	0.9908	1.080	3.080	3.86	2.84	2.19	1.36	2.62	5.36	2.820	2.150	4
5	1.190	0.8508	1.060	3.170	4.01	2.37	1.88	1.26	2.61	5.21	2.810	2.150	5
6	1.180	0.8408	1.060	3.250	3.51	2.26	1.81	1.30	3.04	5.10	2.780	2.150	6
7	1.170	0.8208	1.050	3.310	3.03	2.25	1.87	1.36	4.16	5.16	2.720	2.140	7
8	1.180	0.8008	1.080	3.270	2.76	2.43	1.86	1.76	4.26	5.11	2.680	2.140	8
9	1.190	0.8908	1.070	3.420	2.65	2.24	1.50	2.19	4.03	4.96	2.810	2.140	9
10	1.190	0.8308	1.080	3.460	2.36	2.14	1.63	2.89	4.00	4.98	2.580	2.140	10
11	1.180	0.8008	1.110	3.490	2.26	2.08	1.66	2.85	4.19	4.92	2.520	2.140	11
12	1.190	0.8008	1.150	3.510	2.17	2.01	1.65	2.48	5.49	5.14	2.510	2.140	12
13	1.180	0.8108	1.200	3.52	1.97	1.94	1.63	5.02	23.1	5.02	2.550	2.140	13
14	1.190	0.8208	1.270	3.52	1.80	1.86	1.63	5.86	30.3	4.87	2.580	2.140	14
15	1.190	0.9308	1.400	3.48	1.80	1.81	1.62	4.83	21.1	4.88	2.600	2.150	15
16	1.180	0.9608	1.530	3.42	1.70	1.73	1.67	5.03	15.3	5.31	2.470	2.100	16
17	1.190	0.8308	1.700	3.05	1.63	1.71	1.67	7.31	12.1	5.48	2.350	2.210	17
18	1.190	1.02 B	1.870	2.79	1.55	1.77	2.48	5.63	10.1	5.05	2.690	2.720	18
19	1.190	1.04 B	2.060	2.60	1.52	1.87	2.39	4.78	9.33	5.23	2.690	2.209	19
20	1.190	1.04 B	2.140	2.55	1.51	1.89	2.05	4.32	8.79	5.07	2.740	2.140	20
21	1.190	1.05 B	2.120	2.65	1.48	1.56	1.81	4.65	8.42	4.82	2.630	2.395	21
22	1.180	1.07 B	2.070	2.30	1.46	1.81	1.73	5.09	8.15	4.66	2.500	2.350	22
23	1.190	1.08 B	2.000	2.32	1.43	2.56	1.76	6.63	7.86	4.76	2.400	2.240	23
24	1.190	1.11 B	1.810	2.19	1.42	3.67	1.79	5.32	7.65	4.85	2.330	2.230	24
25	1.190	1.13 B	1.630	2.10	1.72	3.88	2.02	4.46	7.35	4.45	2.270	2.210	25
26	1.180	1.17 B	1.720	2.08	2.09	3.38	2.14	3.84	7.18	4.300	2.230	2.180	26
27	1.180	1.20 B	1.650	1.99	2.06	3.03	1.86	3.68	6.91	4.180	2.200	2.170	27
28	1.190	1.20 B	1.650	1.86	2.78	4.18	1.67	3.25	6.76	4.31	2.190	2.150	28
29	1.180		1.750	1.90	2.78	3.66	1.58	3.02	6.29	4.09A	2.180	2.130	29
30	1.180		2.000	1.86	3.81	3.30	1.67	2.83	5.98	3.95E	2.170	2.110	30
31	1.130		2.460		2.93		1.59	2.73		3.93E		2.090	31
TOTAL	36.37	28.290	47.32	84.76	71.80	77.97	57.34	112.76	245.56	152.44	93.73	67.30	TOTAL
MEAN	1.17	1.01	1.53	2.83	2.32	2.60	1.85	3.64	8.19	4.92	3.12	2.17	MEAN
MAX	1.19	1.20	2.46	3.52	4.01	5.34	2.89	7.31	30.3	5.77	3.48	2.35	MAX
MIN	1.10	0.8308	1.05	1.86	1.43	1.56	1.45	1.26	2.48	3.93	2.17	2.09	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.05
MAXIMUM DAILY, 30.3 ON SEP 14
MINIMUM DAILY, 0.8008 ON FEB 8
MAXIMUM INSTANTANEOUS,
33.8 AT 04:55 MST ON SEP 14

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 18 20 N
LONG 114 55 50 W
DRAINAGE AREA, 658 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 160	JUL	4 950
FEB	2 440	AUG	9 740
MAR	4 090	SEP	21 200
APR	7 320	OCT	13 200
MAY	6 200	NOV	8 100
JUN	6 740	DEC	5 810

TOTAL DISCHARGE, 92 900 dam³

PUNK CREEK NEAR THE MOUTH - STATION NO. 05AB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.0838	0.338	0.284	0.133	0.035	0.060	0.035	---	---	1
2	---	---	0.0018	0.1368	0.236	0.254	0.138	0.035	0.064	0.035	---	---	2
3	---	---	0.0018	0.1858	0.236	0.231	0.134	0.035	0.063	0.035	---	---	3
4	---	---	0.0018	0.1408	0.288	0.204	0.131	0.035	0.060	0.035	---	---	4
5	---	---	0.0018	0.1178	0.883	0.206	0.118	0.068	0.066	0.033	---	---	5
6	---	---	0.0018	0.0878	0.438	0.190	0.097	0.107	0.065	0.033	---	---	6
7	---	---	0.0018	0.0778	0.862	0.168	0.088	0.080	0.060	0.021	---	---	7
8	---	---	0.0018	0.0728	0.614	0.263	0.107	0.061	0.048	0.031	---	---	8
9	---	---	0.0018	0.0868	0.432	0.272	0.100	0.078	0.066	0.022	---	---	9
10	---	---	0.0018	0.1038	0.383	0.236	0.087	0.071	0.061	0.034	---	---	10
11	---	---	0.0028	0.148	0.412	0.211	0.083	0.084	0.060	0.028	---	---	11
12	---	---	0.0038	0.164	0.434	0.190	0.123	0.061	0.038	0.027	---	---	12
13	---	---	0.0038	0.183	0.378	0.186	0.133	0.063	0.038	0.028	---	---	13
14	---	---	0.0038	0.178	0.310	0.214	0.134	0.085	0.038	0.028	---	---	14
15	---	---	0.0048	0.198	0.281	0.227	0.138	0.080	0.038	0.027	---	---	15
16	---	---	0.0068	0.134	0.278	0.278	0.106	0.085	0.038	0.031	---	---	16
17	---	---	0.0118	0.133	0.273	0.265	0.078	0.062	0.037	0.038	---	---	17
18	---	---	0.0188	0.130	0.263	0.249	0.073	0.048	0.037	0.037	---	---	18
19	---	---	0.0238	0.117	0.228	0.233	0.080	0.062	0.036	0.037	---	---	19
20	---	---	0.0288	0.138	0.218	0.218	0.085	0.063	0.035	0.040	---	---	20
21	---	---	0.0348	0.161	0.217	0.208	0.083	0.062	0.038	0.041	---	---	21
22	---	---	0.0388	0.081	0.218	0.207	0.068	0.068	0.038	0.040	---	---	22
23	---	---	0.0408	0.118	0.226	0.222	0.081	0.064	0.038	0.041	---	---	23
24	---	---	0.0418	0.171	0.227	0.222	0.087	0.064	0.042	0.037	---	---	24
25	---	---	0.0428	0.240	0.237	0.235	0.103	0.068	0.035	0.035	---	---	25
26	---	---	0.0438	0.266	0.238	0.235	0.121	0.068	0.038	0.036	---	---	26
27	---	0.0018	0.0428	0.267	0.238	0.203	0.138	0.039	0.038	0.033	---	---	27
28	---	0.0018	0.0428	0.233	0.250	0.188	0.128	0.043	0.034	0.033	---	---	28
29	---		0.0428	0.201	0.268	0.188	0.108	0.045	0.037	0.032	---	---	29
30	---		0.0428	0.208	0.240	0.184	0.083	0.044	0.038	0.033A	---	---	30
31	---		0.0488		0.272		0.080	0.048		0.033E		---	31
TOTAL	---	---	0.883	6.024	9.887	6.886	3.149	1.979	1.231	0.980	---	---	TOTAL
MEAN	---	---	0.018	0.181	0.318	0.210	0.101	0.064	0.041	0.030	---	---	MEAN
MAX	---	---	0.045	0.267	0.883	0.278	0.138	0.107	0.080	0.041	---	---	MAX
MIN	---	---	0.001	0.083	0.218	0.168	0.068	0.039	0.034	0.021	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.110
MAXIMUM DAILY, 0.826 ON MAY 6
MINIMUM DAILY, 0.0018 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.834 AT 20:37 MST ON MAY 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 33 30 N
LONG 111 13 40 W
DRAINAGE AREA, 205 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	271
FEB	---	AUG	165
MAR	48.8	SEP	186
APR	417	OCT	81.2
MAY	884	NOV	---
JUN	588	DEC	---

TOTAL DISCHARGE, 2 480 dam³

RACEHORSE CREEK NEAR THE MOUTH - STATION NO. 05AA037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.430E	4.45	7.62	1.77	0.635	0.498	1.25	---	---	1
2	---	---	---	0.440E	5.89	7.41	1.81	0.664	0.587	1.31	---	---	2
3	---	---	---	0.440E	8.26	6.85	1.84	0.718	0.566	1.35	---	---	3
4	---	---	---	0.430E	7.84	6.05	1.48	0.635	0.623	1.31	---	---	4
5	---	---	---	0.420E	5.37	5.75	1.39	0.599	0.631	1.19	---	---	5
6	---	---	---	0.430E	4.88	5.41	1.36	0.647	0.789	1.23	---	---	6
7	---	---	---	0.430E	4.92	5.81	1.36	0.648	0.892	0.984	---	---	7
8	---	---	---	0.480E	5.24	15.1	1.24	0.606	0.871	0.883	---	---	8
9	---	---	---	0.483A	5.20	10.1	1.30	0.715	0.976	0.938	---	---	9
10	---	---	---	0.553	5.12	7.84	1.15	0.699	0.749	1.04	---	---	10
11	---	---	---	0.809	4.58	6.55	1.13	0.699	0.955	1.07	---	---	11
12	---	---	---	1.54	5.04	5.04	1.08	0.772	4.01	1.05	---	---	12
13	---	---	---	2.90	5.89	5.83	1.08	0.715	3.89	0.990	---	---	13
14	---	---	---	4.07	4.31	5.10	1.03	0.698	2.81	0.970	---	---	14
15	---	---	---	3.12	4.63	5.10	0.975	1.18	2.03	1.18	---	---	15
16	---	---	---	2.55	5.43	4.80	0.882	1.35	1.68	1.89	---	---	16
17	---	---	---	2.87	5.44	4.09	1.05	0.978	1.87	2.00	---	---	17
18	---	---	---	3.90	7.80	3.77	1.09	0.787	1.76	1.87	---	---	18
19	---	---	---	1.91	8.76	3.85	0.940	0.722	1.78	1.81	---	---	19
20	---	---	---	1.50	10.1	3.76	0.885	0.851	1.67	1.88	---	---	20
21	---	---	---	1.31	10.4	3.42	0.842	0.868	2.05	1.89	---	---	21
22	---	---	---	1.11	10.4	3.05	0.802	0.738	2.07	1.90	---	---	22
23	---	---	---	1.03	10.4	2.80	0.802	0.854	1.97	1.75	---	---	23
24	---	---	---	0.951	10.1	2.85	0.804	0.885	1.82	1.84	---	---	24
25	---	---	---	0.893	10.9	2.36	0.762	0.870	1.76	2.81	---	---	25
26	---	---	---	0.787	8.45	2.18	0.730	0.637	1.81	2.48	---	---	26
27	---	---	---	0.903	7.35	2.07	0.708	0.558	1.77	3.00	---	---	27
28	---	---	---	3.98	6.55	2.06	0.894	0.535	1.69	4.03	---	---	28
29	---		---	5.31	6.32	1.94	0.882	0.538	1.64	3.34	---	---	29
30	---		---	4.22	7.80	1.90	0.875	0.514	1.38	3.02 A	---	---	30
31	---		---		7.34		0.864	0.498		3.00 E		---	31
TOTAL	---	---	---	68.819	216.13	154.67	32.414	21.481	45.987	54.703	---	---	TOTAL
MEAN	---	---	---	1.82	6.91	5.15	1.05	0.693	1.83	1.75	---	---	MEAN
MAX	---	---	---	5.31	10.9	15.1	1.77	1.35	4.01	4.03	---	---	MAX
MIN	---	---	---	0.420	3.85	1.90	0.864	0.498	0.498	0.938	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 15.1 ON JUN 8

MAXIMUM INSTANTANEOUS,
22.6 AT 23:40 MST ON JUN 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 18 N
LONG 114 25 08 W
DRAINAGE AREA, 217 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 800
FEB	---	AUG	1 880
MAR	---	SEP	3 870
APR	4 200	OCT	4 730
MAY	19 800	NOV	---
JUN	13 300	DEC	---

RAM RIVER NEAR THE MOUTH - STATION NO. 05BC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.220	1.820	2.700	3.588	7.43	19.0	33.8	10.1	18.2	20.6	8.700	3.040	1
2	3.210	1.880	2.400	4.060	9.43	19.8	28.8	9.76	17.8	19.6	8.460	6.060	2
3	3.100	1.840	2.100	3.990	13.4	18.8	27.4	10.4	17.2	18.6	8.250	6.080	3
4	3.170	1.720	1.970	3.110	12.8	19.5	28.8	10.0	18.5	17.3	8.000	5.100	4
5	3.150	2.110	1.860	3.180	9.70	18.1	21.8	9.51	17.8	17.1	8.020	5.120	5
6	3.100	2.070	1.780	3.180	8.28	15.0	20.3	8.87	23.8	17.0	8.060	5.140	6
7	3.080	1.970	1.780	3.080	7.71	13.8	18.0	8.88	20.2	16.4	8.450	5.180	7
8	3.020	1.810	1.780	3.780	8.19	18.1	18.8	10.7	18.4	15.3	8.260	5.180	8
9	2.970	1.710	1.780	4.780	8.87	17.8	18.6	11.8	16.3	16.1	8.000	5.170	9
10	2.930	1.900	1.760	5.080	8.05	16.8	15.7	11.3	21.8	15.4	7.810	5.130	10
11	2.800	1.860	1.630	7.400	7.84	15.8	15.3	11.8	25.7	15.1	7.630	5.060	11
12	2.680	2.030	1.800	7.800	8.83	15.8	14.2	12.5	26.8	14.5	7.450	5.040	12
13	2.670	1.840	2.200	7.800	8.49	18.5	14.0	20.0	110 A	13.7	7.270	5.750	13
14	2.670	2.100	2.670	7.630	7.15	16.7	13.2	17.0	88.8	13.4	7.100	5.490	14
15	2.670	2.440	2.940	7.800	7.02	15.0	13.4	27.0	76.7	13.4	6.930	5.250	15
16	2.660	2.370	2.940	7.71	7.30	13.8	12.9	25.7	80.8	13.5	6.760	5.060	16
17	2.640	2.340	3.000	8.88	8.83	12.6	13.0	26.2	81.7	13.3	6.590	4.830	17
18	2.760	2.330	3.610	8.40	12.8	12.6	12.4	25.1	68.1	12.4	6.400	4.720	18
19	2.800	2.420	3.560	8.08	15.6	13.8	11.6	22.0	62.2	13.2	6.230	4.670	19
20	2.380	2.400	3.240	6.72	15.6	15.3	11.3	22.3	58.5	12.4	6.210	4.630	20
21	2.880	2.370	2.700	3.08	15.5	15.6	10.8	26.7	55.7	12.1	6.150	4.680	21
22	2.700	2.420	2.880	3.78	14.0	19.7	10.7	41.5	53.2	12.0	6.080	4.840	22
23	2.670	2.420	2.380	4.08	14.5	20.2	11.8	36.0	50.1	11.4 E	6.050	4.980	23
24	2.870	2.470	2.640	4.76	14.9	20.1	12.8	25.3	50.6	11.2 E	6.050	4.980	24
25	2.880	2.800	2.380	4.88	18.1	20.0	11.7	22.2	28.8	11.0 E	6.010	4.430	25
26	2.870	2.760	2.420	4.62	16.8	20.8	10.2	20.2	28.0	10.8 E	6.010	4.400	26
27	2.880	2.580	2.120	4.50	16.6	40.8	9.76	20.0	27.8	10.8 E	6.000	4.280	27
28	2.920	3.000	2.700	4.87	14.9	41.5	9.44	22.5	22.5	10.6 E	6.000	4.220	28
29	2.880		2.880	5.38	18.4	30.5	9.06	22.5	22.5	10.2 E	6.010	4.260	29
30	2.870		2.820	6.20	24.7	27.3	8.37	20.6	21.7	10.0 E	6.020	4.180	30
31	2.880		3.180		22.1		10.0	19.8		9.840		4.080	31
TOTAL	88.33	82.02	75.85	158.44	380.31	568.0	472.44	693.36	1 085.3	426.94	218.38	151.87	TOTAL
MEAN	2.86	2.93	2.45	5.21	12.2	21.5	15.2	22.4	36.2	13.7	7.21	5.21	MEAN
MAX	3.23	3.00	3.61	7.82	24.7	41.5	33.8	41.5	110	20.6	8.70	6.17	MAX
MIN	2.66	1.71	1.76	3.11	6.28	13.4	8.37	8.88	17.2	9.84	6.00	4.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.1
MAXIMUM DAILY, 110A ON SEP 13
MINIMUM DAILY, 1.710 ON FEB 8

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 06 N
LONG 115 20 33 W
DRAINAGE AREA, 1 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 710	JUL	40 000
FEB	6 200	AUG	68 000
MAR	6 550	SEP	61 000
APR	13 000	OCT	36 700
MAY	33 000	NOV	18 700
JUN	56 000	DEC	14 000

TOTAL DISCHARGE, 383 000 dam³

RAT CREEK NEAR CYNTHIA - STATION NO. 07BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2808	0.3008	7.08	2.77	3.06	0.895	1.61	3.65	1.718	---	1
2	---	---	0.2308	0.4508	7.67	2.56	2.87	0.881	1.78	3.61	1.888	---	2
3	---	---	0.2058	0.8858	7.53	2.36	2.67	0.864	1.59	3.37	1.878	---	3
4	---	---	0.1908	0.5708	7.36	2.06	2.33	0.826	1.46	3.16	1.888	---	4
5	---	---	0.1808	0.4708	7.07	1.86	1.86	0.807	1.41	2.95	1.888	---	5
6	---	---	0.1808	0.4208	6.71	1.72	1.86	0.888	1.38	2.76	1.838	---	6
7	---	---	0.1558	0.4408	6.24	1.62	1.37	0.863	1.47	2.65	---	---	7
8	---	---	0.1458	4.50 E	5.86	1.57	1.16	0.861	1.56	2.39	---	---	8
9	---	---	0.1408	8.00 E	5.23	1.95	0.966	1.56	1.66	2.26	---	---	9
10	---	---	0.1408	12.3 E	4.87	1.80	0.819	1.71	1.61	2.16	---	---	10
11	---	---	0.1408	14.4 E	4.68	1.93	0.731	1.80	1.93	2.16	---	---	11
12	---	---	0.1408	13.8 E	4.14	1.29	0.846	1.87	1.86	2.13	---	---	12
13	---	---	0.1408	13.3 E	3.85	1.37	0.843	1.78	8.41	2.04	---	---	13
14	---	---	0.1458	12.8 E	3.56	1.38	0.861	2.03	18.4	2.02	---	---	14
15	---	---	0.1558	13.3	3.30	1.80	0.958	2.10	32.9	2.26	---	---	15
16	---	---	0.1808	13.2	3.06	1.47	0.858	2.88	33.2	2.76	---	---	16
17	---	---	0.1808	12.3	3.63	1.35	0.829	3.06	19.8	3.15	---	---	17
18	---	---	0.2108	11.3	2.67	1.14	0.786	2.70	15.8	3.00	---	---	18
19	---	---	0.2508	10.4	2.38	0.881	0.857	2.37	13.5	2.80	---	---	19
20	---	---	0.3008	9.36	2.26	0.837	0.950	2.32	9.91	2.67	---	---	20
21	---	---	0.3808	8.80	2.10	0.826	1.13	2.82	8.30	2.57	---	---	21
22	---	---	0.4708	7.96	1.86	1.14	0.838	2.81	7.18	2.61	---	---	22
23	---	---	0.5008	7.69	1.72	1.67	0.881	2.62	6.84	2.46	---	---	23
24	---	---	0.4508	8.36	1.48	2.06	0.828	2.36	6.10	2.32	---	---	24
25	---	---	0.3808	8.14	1.45	5.86	1.04	2.13	5.80	2.188	---	---	25
26	---	0.3408	0.3008	8.38	1.84	8.58	1.06	2.01	5.18	2.128	---	---	26
27	---	0.3238	0.2808	9.22	2.10	6.82	0.906	1.88	4.89	1.928	---	---	27
28	---	0.3008	0.2358	8.84	2.18	4.78	0.783	1.67	4.63	1.898	---	---	28
29	---	---	0.2308	8.78	2.31	4.36	0.748	1.47	4.38	1.848	---	---	29
30	---	---	0.2358	8.36	2.87	3.81	0.834	1.36	4.08	1.808	---	---	30
31	---	---	0.2458		2.84		0.753	1.40		1.758		---	31
TOTAL	---	---	7.358	238.378	121.44	88.812	35.289	63.319	208.11	77.42	---	---	TOTAL
MEAN	---	---	0.237	7.94	3.92	2.33	1.14	1.72	6.87	2.50	---	---	MEAN
MAX	---	---	0.500	14.4	7.08	6.86	3.06	3.06	33.2	3.65	---	---	MAX
MIN	---	---	0.140	0.300	1.45	0.826	0.529	0.588	1.38	1.76	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.30
MAXIMUM DAILY, 23.2 ON SEP 19
MINIMUM DAILY, 0.1408 ON MAR 9
MAXIMUM INSTANTANEOUS,
24.5 AT 15:00 MST ON SEP 19

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 06 17 N
LONG 115 20 17 W
DRAINAGE AREA, 808 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 050
FEB	---	AUG	4 610
MAR	635	SEP	17 600
APR	20 600	OCT	6 680
MAY	10 500	NOV	---
JUN	8 030	DEC	---

TOTAL DISCHARGE, 89 900 dam³

RAVEN RIVER NEAR RAVEN - STATION NO. 05CB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7308	0.8108	0.8008	1.48 B	2.51	2.10	1.00	1.03	0.881	1.04	1.008	1.188	1
2	0.7508	0.8408	0.7508	1.86 B	2.38	1.88	0.988	0.841	0.856	1.04	1.488	1.188	2
3	0.8008	0.8408	0.7408	2.02 B	2.36	1.80	0.970	0.815	0.870	1.76	1.488	1.188	3
4	0.8408	0.8108	0.7208	2.51 B	2.33	1.86	0.938	0.851	0.892	1.74	1.458	1.188	4
5	0.8808	0.7708	0.7108	2.87 B	2.10	1.57	0.831	1.17	1.01	1.76	1.428	1.178	5
6	0.9008	0.7408	0.7108	1.97 B	1.95	1.52	0.882	1.01	1.20	1.72	1.378	1.178	6
7	0.9108	0.7208	0.7208	1.86 B	1.82	1.48	0.855	0.883	1.40	1.73	1.308	1.178	7
8	0.9208	0.7008	0.7408	1.48 B	1.70	1.47	0.831	1.32	1.66	1.76	1.208	1.188	8
9	0.9208	0.6908	0.7808	1.18 B	1.64	1.46	0.783	1.87	1.59	1.74	1.118	1.188	9
10	0.9318	0.6808	0.7768	1.24 B	1.58	1.42	0.776	1.84	1.51	1.63	1.038	1.188	10
11	0.9408	0.6808	0.7808	2.32 B	1.62	1.41	0.782	1.53	1.62	1.81	1.018	1.188	11
12	0.9508	0.6808	0.8108	2.27 B	1.60	1.37	0.814	1.48	2.66	1.76	1.018	1.188	12
13	0.9508	0.6908	0.8008	2.07 B	1.48	1.43	0.820	1.61	11.4	1.86	1.028	1.188	13
14	0.9508	0.7108	0.9208	1.81 B	1.34	1.47	0.848	1.82	13.9	1.81	1.058	1.188	14
15	0.9508	0.7308	1.05 B	1.48 B	1.31	1.39	0.904	1.88	8.18	1.83	1.108	1.188	15
16	0.9408	0.7708	1.20 B	1.17 B	1.28	1.30	0.841	1.80	6.82	2.06	1.138	1.188	16
17	0.9308	0.7908	2.08 B	1.08 B	1.30	1.21	1.04	1.80	5.46	2.12	1.188	1.208	17
18	0.9208	0.8128	5.04 B	0.9358	1.26	1.18	1.13	1.82	3.80	2.08	1.188	1.218	18
19	0.9108	0.8208	5.52 B	0.8748	1.22	1.11	1.06	1.38	2.64	2.04	1.188	1.228	19
20	0.9008	0.8308	5.83 B	0.9588	1.22	1.07	1.06	1.18	2.51	1.96	1.188	1.248	20
21	0.8908	0.8308	6.59 B	0.8238	1.21	1.20	0.988	1.46	2.34	1.88	1.188	1.258	21
22	0.8108	0.8308	8.03 B	1.00 B	1.15	1.30	0.888	1.81	2.32	1.80	1.188	1.268	22
23	0.8268	0.8308	4.36 B	1.18 B	1.16	1.82	0.874	1.80	2.21	1.84	1.188	1.278	23
24	0.8708	0.8308	2.87 B	1.46 B	1.16	1.67	1.06	1.71	2.19	1.808	1.188	1.288	24
25	1.00 B	0.8308	2.13 B	1.78	1.86	1.73	1.03	1.60	2.14	1.78	1.188	1.288	25
26	1.01 B	0.8308	1.88 B	1.78	2.10	1.86	1.01	1.19	2.32	1.886	1.188	1.278	26
27	1.03 B	0.8308	1.68 B	1.76	2.43	1.66	0.973	1.02	2.06	1.728	1.188	1.268	27
28	1.04 B	0.8308	1.31 B	1.62	2.68	1.36	0.849	0.986	1.99	1.84	1.188	1.238	28
29	1.03 B		1.22 B	1.87	2.96	1.16	1.17	0.831	1.91	1.858	1.188	1.228	29
30	0.9968		1.13 B	2.33	3.11	1.07	1.36	0.884	1.86	1.838	1.188	1.228	30
31	0.8808		1.08 B		3.19		1.18	0.885		1.838		1.208	31
TOTAL	28.881	21.883	61.188	52.880	58.27	43.11	29.853	41.418	87.138	55.88	36.80	37.38	TOTAL
MEAN	0.935	0.782	1.97	1.77	1.78	1.44	0.966	1.34	2.90	1.80	1.20	1.21	MEAN
MAX	1.04	0.810	5.83	3.02	3.81	2.10	1.36	1.81	13.5	2.12	1.80	1.28	MAX
MIN	0.730	0.680	0.710	0.823	1.16	1.07	0.778	0.841	0.881	1.83	1.01	1.16	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.50
MAXIMUM DAILY, 13.9 ON SEP 19
MINIMUM DAILY, 0.6808 ON FEB 10
MAXIMUM INSTANTANEOUS,
18.0 AT 04:00 MST ON SEP 19

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 08 20 N
LONG 114 28 39 W
DRAINAGE AREA, 867 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 480	JUL	2 880
FEB	1 890	AUG	3 880
MAR	6 280	SEP	7 830
APR	4 880	OCT	4 830
MAY	4 880	NOV	3 180
JUN	3 730	DEC	3 230

TOTAL DISCHARGE, 47 680 dam³

RAY CREEK NEAR INDISPAIL - STATION NO. 05CE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.023	0.048	0	0	0	0	0.001	0.005	---	1
2	---	---	0 B	1.31	0.037	0	0	0	0	0.002	0.004	---	2
3	---	---	0 B	0.836	0.024	0	0	0	0	0.002	0.004	---	3
4	---	---	0 B	0.557	0.013	0	0	0	0	0.003	0.0038	---	4
5	---	---	0 B	0.299	0.046	0	0	0	0	0.003	---	---	5
6	---	---	0 B	0.225	0.014	0	0	0	0	0.002	---	---	6
7	---	---	0 B	0.155	0.005	0	0	0	0	0.002	---	---	7
8	---	---	0 B	0.035	0.005	0	0	0	0	0.001	---	---	8
9	---	---	0 B	0.076	0.004	0	0	0	0	0.001	---	---	9
10	---	---	0 B	0.051	0.004	0	0	0	0	0.001	---	---	10
11	---	---	0 B	0.054	0.005	0	0	0	0	0.002	---	---	11
12	---	---	0 B	0.075	0.005	0	0	0	0	0.002	---	---	12
13	---	---	0 B	0.079	0.007	0	0	0	0.027	0.001	---	---	13
14	---	---	0 B	0.062	0.003	0	0	0	0.015	0.001	---	---	14
15	---	---	0.0088	0.057	0	0	0	0	0.004	0.003	---	---	15
16	---	---	0.0488	0.038	0	0	0	0	0.001	0.005	---	---	16
17	---	---	0.0918	0.018	0	0	0	0	0	0.004	---	---	17
18	---	---	0.1308	0.010	0	0	0	0	0	0.003	---	---	18
19	---	---	0.2318	0.008	0	0	0	0	0	0.003	---	---	19
20	---	---	0.3988	0.004	0	0	0	0	0.001	0.003	---	---	20
21	---	---	0.3918	0.003	0	0	0	0	0.001	0.003	---	---	21
22	---	---	0.2188	0.004	0	0	0	0	0.001	0.004	---	---	22
23	---	---	0.1788	0.174	0	0	0	0	0.001	0.004	---	---	23
24	---	---	0.2788	0.030	0	0	0	0	0.001	0.004	---	---	24
25	---	---	0.2618	0.083	0.001	0	0	0	0.002	0.003	---	---	25
26	---	---	0.207	0.108	0.005	0	0	0	0.003	0.0058	---	---	26
27	---	---	0.137	0.079	0.003	0	0	0	0.001	0.007	---	---	27
28	---	---	0.098	0.061	0.001	0	0	0	0.003	0.008	---	---	28
29	---		0.077	0.048	0.002	0	0	0	0.001	0.004	---	---	29
30	---		0.085	0.130	0	0	0	0	0.001	0.004	---	---	30
31	---		0.262		0		0	0		0.005		---	31
TOTAL	---	---	3.933	5.491	0.261	0	0	0	0.089	0.098	---	---	TOTAL
MEAN	---	---	0.095	0.183	0.008	0	0	0	0.003	0.003	---	---	MEAN
MAX	---	---	0.388	1.31	0.046	0	0	0	0.027	0.007	---	---	MAX
MIN	---	---	0	0.003	0	0	0	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.038
MAXIMUM DAILY, 1.31 ON APR 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.74 AT 11:43 MDT ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 03 N
LONG 113 35 55 W
DRAINAGE AREA, 42.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	353	SEP	5.53
APR	474	OCT	8.47
MAY	23.0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 764 dam³

RED DEER RIVER ABOVE PANTHER RIVER - STATION NO. 05CA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.68	3.85	18.3	28.1	19.5	12.7	9.67	9.238	---	1
2	---	---	---	3.00	3.84	18.5	24.0	19.4	13.0	9.61	9.218	---	2
3	---	---	---	3.87	4.11	18.0	24.0	19.9	11.6	9.37	9.248	---	3
4	---	---	---	3.79	4.71	18.6	24.3	20.5	11.5	9.03	9.258	---	4
5	---	---	---	3.61	4.12	18.2	24.2	20.0	11.5	8.81	9.138	---	5
6	---	---	---	3.78	3.83	18.2	24.8	17.2	13.9	8.78	---	---	6
7	---	---	---	3.87	4.07	18.0	21.9	16.7	11.6	8.40	---	---	7
8	---	---	---	3.88	4.38	18.8	21.4	17.4	11.1	8.02	---	---	8
9	---	---	---	3.32	4.86	18.0	23.6	16.2	10.9	7.84	---	---	9
10	---	---	---	3.34	4.88	18.8	24.8	12.9	11.8	7.90	---	---	10
11	---	---	---	3.86	4.85	18.4	24.8	13.2	13.8	7.78	---	---	11
12	---	---	---	3.85	4.18	18.8	23.5	14.0	27.1	7.81	---	---	12
13	---	---	---	4.89	4.18	17.8	20.1	13.5	40.8	7.38	---	---	13
14	---	---	---	5.21	4.48	17.8	17.5	13.8	28.7	7.18	---	---	14
15	---	---	---	4.89	4.78	17.8	17.3	15.3	25.8	7.24	---	---	15
16	---	---	---	4.32	5.88	18.4	18.7	15.8	22.1	7.32	---	---	16
17	---	---	---	4.10	8.87	18.1	18.7	16.2	20.1	7.14	---	---	17
18	---	---	---	3.87	15.2	18.8	18.8	16.8	18.3	6.98	---	---	18
19	---	---	---	3.31	21.8	18.4	18.8	16.2	17.1	6.81	---	---	19
20	---	---	---	3.82	24.8	24.8	18.8	18.4	16.8	6.89	---	---	20
21	---	---	---	3.71	23.8	20.2	18.8	18.8	15.8	6.81	---	---	21
22	---	---	---	3.80	24.4	17.8	20.8	18.2	14.3	6.67	---	---	22
23	---	---	---	3.83	24.8	18.2	21.8	18.1	13.2	6.32	---	---	23
24	---	---	---	3.80	25.8	14.2	20.1	18.7	12.8	6.28	---	---	24
25	---	---	---	3.44	25.8	12.8	18.8	18.8	12.2	6.38	---	---	25
26	---	---	---	3.38	27.4	12.2	17.8	17.4	11.8	6.328	---	---	26
27	---	---	3.82A	3.34	18.4	12.7	17.2	16.1	11.3	6.088	---	---	27
28	---	---	3.88	3.38	18.3	14.4	16.8	16.1	10.3	6.368	---	---	28
29	---		3.85	3.34	17.8	18.8	16.8	15.8	10.2	6.638	---	---	29
30	---		3.84	3.31	18.7	20.8	17.8	15.8	10.1	6.888	---	---	30
31	---		3.88		20.8		18.8	14.3		6.488		---	31
TOTAL	---	---	---	94.13	304.80	488.4	638.1	514.3	487.8	228.77	---	---	TOTAL
MEAN	---	---	---	3.14	12.7	18.8	20.3	16.8	15.8	7.38	---	---	MEAN
MAX	---	---	---	5.21	25.8	25.8	28.1	20.5	40.8	9.67	---	---	MAX
MIN	---	---	---	2.68	3.83	12.2	16.8	12.9	10.1	6.32	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.2
MAXIMUM DAILY, 40.8 ON SEP 13
MINIMUM DAILY, 2.24 ON APR 30
MAXIMUM INSTANTANEOUS,
50.3 AT 00:01 MDT ON SEP 13

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 30 33 N
LONG 115 30 33 W
DRAINAGE AREA, 941 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	63 600
FEB	---	AUG	51 600
MAR	---	SEP	48 600
APR	8 130	OCT	19 800
MAY	32 100	NOV	---
JUN	63 100	DEC	---

TOTAL DISCHARGE, 266 000 dam³

RED DEER RIVER AT DRUMHELLER - STATION NO. 05CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.78	14.48	15.08	110 B	49.4	25.0	21.8	27.3	36.7	53.7	28.5	12.38	1
2	14.98	13.98	14.48	100 B	46.0	25.1	19.1	24.4	34.3	51.8	29.0	12.68	2
3	15.18	13.88	14.28	85.0B	49.3	32.7	19.0	24.2	30.5	46.0	28.7	13.08	3
4	15.38	13.88	15.38	100 B	47.6	34.1	26.5	23.7	28.5	39.1	28.4	13.78	4
5	15.48	13.88	15.08	171	43.7	27.4	25.1	23.6	28.7	36.5	28.28	14.28	5
6	15.08	13.38	14.88	155	40.0	23.1	16.0	25.3	28.3	36.7	21.98	14.58	6
7	15.08	13.88	14.88	130	38.7	23.2	15.5	27.0	28.7	36.8	20.18	14.58	7
8	15.48	14.88	14.88	105	36.6	27.5	15.0	30.9	28.8	36.5	17.28	14.38	8
9	15.48	14.88	14.88	140	35.3	23.3	16.7	39.2	30.2	36.3	15.08	14.08	9
10	15.48	14.38	15.08	121	32.3	25.4A	14.4	41.6	45.6	36.2	13.58	14.08	10
11	14.58	14.38	15.08	110	31.5	26.2E	14.4	34.6	38.8	35.6	13.08	14.48	11
12	13.88	14.48	17.58	102	30.4	27.0A	14.7	31.1	43.5	35.6	13.08	14.88	12
13	14.18	14.58	19.08	98.2	27.8	26.4	14.8	28.7	37.8	35.4	13.58	15.38	13
14	13.58	14.48	24.08	88.4	26.7	24.0	15.1	26.7	88.9	35.3	14.08	15.88	14
15	14.88	14.88	31.08	83.8	25.5	26.6	15.6	31.2	278	35.8	14.48	16.08	15
16	15.18	15.78	37.08	76.4	24.5	25.8	18.8	31.4	225	35.8	26.28	16.18	16
17	15.08	14.88	44.08	70.1	23.8	26.1	26.8	30.8	188	36.2	27.08	16.18	17
18	14.98	15.88	51.08	63.8	23.1	26.1	17.8	34.1	162	36.1	32.38	16.48	18
19	15.08	15.08	60.08	58.6	22.2	29.9	17.5	38.3	135	35.6	15.88	16.88	19
20	14.78	14.88	68.08	57.8	21.5	41.1	16.7	46.3	113 E	35.3	13.08	15.88	20
21	13.98	14.88	64.08	53.8	20.6	34.6	20.3	55.4	102 E	35.5	11.58	17.08	21
22	13.48	14.48	61.08	50.6	20.2	31.0	19.8	66.5	92.0E	36.2	10.58	17.28	22
23	12.78	14.28	56.08	46.3	20.3	28.6	18.5	67.5	80.0E	36.0	11.08	17.28	23
24	13.88	14.08	52.08	41.8	20.6	31.1	18.9	69.6	72.0E	35.5	12.08	17.28	24
25	14.78	14.48	49.08	43.6	21.3	39.9	19.2	61.8	69.0E	35.7	12.38	17.38	25
26	15.38	15.08	46.08	46.8	21.4	40.0	20.2	53.5	61.4A	33.2	12.78	17.38	26
27	15.18	15.88	42.08	46.7	23.4	32.3	18.6	52.4	54.3	31.7	12.58	17.08	27
28	15.08	16.78	41.08	48.7	22.9	27.7	18.6	47.0	54.1	30.7	12.38	17.08	28
29	15.48		50.08	48.8	22.1	24.6	21.6	45.8	58.0	29.4	12.38	17.08	29
30	15.88		64.08	48.9	21.8	24.1	25.7	38.7	65.5	29.6	12.18	16.88	30
31	15.08		85.08		24.6		27.2	37.1		29.2		15.38	31
TOTAL	456.8	404.8	1 133.5	2 745.6	917.2	917.8	588.4	1 178.7	2 310.3	1 129.1	519.2	482.2	TOTAL
MEAN	14.7	14.5	36.6	91.5	29.6	30.6	19.0	38.0	77.0	36.4	17.3	15.6	MEAN
MAX	15.6	16.7	85.0	190	49.4	41.1	27.2	88.5	278	53.7	29.0	17.2	MAX
MIN	12.7	13.8	14.8	41.8	20.3	22.2	14.4	23.6	28.3	29.2	10.6	12.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.0
MAXIMUM DAILY, 278 ON SEP 15
MINIMUM DAILY, 10.58 ON NOV 22
MAXIMUM INSTANTANEOUS,
295 AT 15:35 MST ON SEP 15

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 02 N
LONG 113 43 30 W
DRAINAGE AREA, 24 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	35 500	JUL	50 900
FEB	35 000	AUG	102 000
MAR	97 000	SEP	200 000
APR	237 000	OCT	97 000
MAY	79 200	NOV	44 900
JUN	79 300	DEC	41 700

TOTAL DISCHARGE, 1 110 000 dam³

RED DEER RIVER AT RED DEER - STATION NO. 05CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.88	14.08	16.48	35.2	39.3	35.8	22.7	25.4	28.5	42.5	28.4	18.08	1
2	14.48	14.08	15.48	46.1	38.2	36.3	21.6	25.3	28.0	34.1	28.7	18.08	2
3	14.68	14.18	16.58	89.6	37.3	22.7	20.7	24.7	28.0	32.1	24.3	18.08	3
4	15.08	14.18	15.58	84.6	33.4	21.4	15.1	26.2	28.1	33.0	23.6	17.88	4
5	15.28	14.28	16.88	87.4	31.7	21.1	14.4	25.6	28.1	32.8	23.1	17.68	5
6	15.48	14.28	16.88	127	29.6	20.6	15.8	28.6	25.4	33.0	22.6	17.48	6
7	15.58	14.28	16.78	123	27.6	20.6	16.6	31.6	28.8	32.9	23.6	17.28	7
8	15.48	14.38	16.88	87.6	26.3	25.9	16.4	36.1	45.7	32.7	22.6	17.08	8
9	15.28	14.48	16.88	71.2	25.2	25.2	16.0	31.9	35.9	32.6	22.7	16.88	9
10	15.08	14.58	17.08	64.6	23.7	26.1	15.8	27.2	35.2	32.8	22.0	16.68	10
11	14.88	14.68	17.08	58.8	22.8	25.2	15.8	26.8	35.1	33.0	21.48	16.68	11
12	14.78	14.78	17.18	57.2	22.6	25.3	16.3	25.6	30.0	32.7	20.88	16.88	12
13	14.68	14.88	17.38	53.2	21.9	26.7	17.4	26.4	180	32.8	20.38	16.88	13
14	14.58	14.98	17.58	49.3	21.4	25.4	21.2	26.3	290	32.8	19.88	16.78	14
15	14.58	15.08	17.08	46.4	21.1	26.6	20.4	26.8	198	33.5	18.08	16.78	15
16	14.48	15.18	16.38	42.6	20.4	26.5	17.4	32.8	155	34.1	18.48	16.78	16
17	14.48	15.28	16.08	41.2	20.4	40.2	16.4	38.9	135	33.5	17.98	16.88	17
18	14.38	15.38	25.08	38.2	19.7	41.6	21.0	46.3	123	33.1	17.28	16.88	18
19	14.28	15.48	30.08	35.1	19.7	36.9	22.8	49.2	98.0	33.6	16.88	16.92	19
20	14.08	15.58	31.08	34.4	19.3	26.3	20.4	47.3	89.9	34.3	15.78	17.08	20
21	14.18	15.88	31.88	31.8	19.5	26.9	18.9	48.8	71.0	34.2	20.18	17.08	21
22	14.68	15.78	31.38	30.8	19.5	31.4	20.4	47.2	66.4	34.2	26.68	17.18	22
23	15.28	15.88	30.88	30.8	19.2	36.5	21.6	48.0	68.7	34.8	17.88	17.28	23
24	15.48	15.98	30.08	27.9	19.3	38.5	21.1	51.0	68.9	30.7	16.98	17.38	24
25	16.88	16.18	28.38	27.8	21.1	32.3	21.8	51.8	63.8	29.8	16.38	17.38	25
26	15.88	16.38	28.88	28.7	20.1	24.3	21.6	44.6	63.0	27.5	16.38	17.48	26
27	16.28	16.28	28.48	31.2	19.8	23.1	28.1	43.5	60.6	26.6	16.28	17.58	27
28	16.08	16.48	28.28	33.4	21.1	23.7	25.3	34.5	68.0	27.3	16.38	17.68	28
29	14.88		27.98	34.3	22.4	17.4	28.8	34.3	60.3	26.9	16.18	17.78	29
30	14.98		30.3	35.0	23.3	16.8	23.6	36.0	58.7	26.7	16.08	17.88	30
31	14.98		29.7		23.7		25.8	33.3		26.8		17.98	31
TOTAL	457.4	420.6	703.4	1 870.4	750.4	904.3	661.3	1 101.8	2 230.9	998.5	638.9	533.4	TOTAL
MEAN	14.8	15.0	22.7	62.3	24.2	30.1	20.7	35.5	74.0	32.1	20.9	17.2	MEAN
MAX	16.8	16.4	31.8	127	39.3	41.6	31.6	51.8	290	42.5	30.1	18.0	MAX
MIN	13.8	14.0	16.4	27.9	19.2	16.8	14.4	24.7	28.0	26.6	15.7	15.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.9
MAXIMUM DAILY, 290 ON SEP 14
MINIMUM DAILY, 13.88 ON JAN 1
MAXIMUM INSTANTANEOUS,
310 AT 15:51 MST ON SEP 14

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 16 36 N
LONG 113 48 57 W
DRAINAGE AREA, 11 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	39 500	JUL	55 400
FEB	36 400	AUG	85 300
MAR	80 700	SEP	192 000
APR	135 000	OCT	85 100
MAY	84 000	NOV	54 200
JUN	78 100	DEC	48 100

TOTAL DISCHARGE, 948 000 dam³

RED DEER RIVER BELOW BURNT TIMBER CREEK - STATION NO. 05CA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.400	2.800	3.900	4.220	8.42	32.7	38.4	24.9	23.1	23.3	10.7 B	7.900	1
2	4.550	2.850	3.950	4.150	10.4	29.0	36.0E	25.2	22.0	22.5	11.9 B	8.100	2
3	4.580	3.100	3.200	3.800	14.1	27.0	34.0E	27.2	20.6	21.7	11.9 B	8.300	3
4	4.400	3.200	3.050	3.600	13.0	27.9	38.2E	27.3	20.7	20.1	12.1 B	8.500	4
5	4.300	3.070	3.100	3.540	9.96	31.4	36.2E	27.0	20.6	20.5	10.6 B	8.850	5
6	4.300	3.000	3.200	3.600	8.86	27.8	36.8E	23.4	24.1	20.2	9.650	9.600	6
7	4.050	2.800	3.300	3.740	8.82	25.2	34.8E	22.6	21.3	19.0	9.550	8.500	7
8	3.900	2.600	3.400	4.000	8.97	33.6	33.0E	23.6	20.1	18.0	9.092	8.400	8
9	3.800	2.550	3.450	6.320	8.26	30.4	35.2E	20.8	20.0	16.8	8.800	8.400	9
10	3.750	2.650	3.430	7.980	8.86	28.2	36.7E	19.6	21.9	16.5	7.700	8.400	10
11	3.850	3.700	3.400	8.840	8.02	23.3	36.7A	18.9	25.2	16.1	7.600	8.400	11
12	4.100	3.950	3.380	9.310	7.26	25.0	34.0E	22.9	53.9	17.5	7.650	8.250	12
13	4.400	3.350	3.300	11.0 B	7.56	30.9	29.0E	24.0	109	16.9	7.800	8.300	13
14	4.600	3.800	3.150	12.2 B	8.56	30.2	26.0E	21.7	81.8	15.5	8.100	8.250	14
15	4.850	3.900	3.100	10.6 B	8.87	29.8	24.6A	20.0	58.0	14.5	8.200	8.100	15
16	4.600	3.800	3.100	10.1 B	10.3	28.1	23.3	32.1	84.1	15.6	8.000	8.010	16
17	4.400	3.650	3.250	8.430	14.9	23.4	26.9	34.3	56.2	16.3	7.600	7.720	17
18	4.250	4.000	3.450	6.820	25.0	23.9	24.0	37.2	50.1	15.9	7.000	7.610	18
19	4.000	4.250	3.400	5.80	34.6	29.4	22.3	35.5	45.7	15.7	6.900	7.190	19
20	3.850	4.800	3.300	4.78	36.7	36.2	22.0	32.9	42.6	15.8	6.400	7.220	20
21	4.050	4.650	3.050	4.46	38.4	36.2	23.6	30.3	38.8	15.7	6.400	6.980	21
22	4.350	4.600	3.000	4.27	38.9	29.5	25.8	40.8	36.5	15.5	6.450	6.550	22
23	4.550	4.450	3.050	4.40	36.6	25.6	26.9	41.0	33.3	13.28	6.550	5.970	23
24	4.600	4.350	3.150	4.32	38.4	23.3	28.9	36.4	32.4	12.08	6.650	5.380	24
25	4.250	4.250	3.300	4.25	41.7	21.7	24.1	37.4	30.9	12.78	6.900	4.760	25
26	4.150	4.200	3.450	3.93	52.3	19.8	23.3	34.0	28.6	10.98	7.000	5.230	26
27	3.950	4.150	3.850	4.01	36.5	20.7	22.6	30.5	26.1	12.28	7.200	5.000	27
28	3.700	4.000	3.800	4.32	33.3	22.6	22.0	29.2	24.6	13.28	7.400	4.600	28
29	3.500		3.950	5.25	36.0	27.5	22.1	28.5	24.4	11.18	7.550	4.750	29
30	3.300		4.050	6.69	35.7	28.2	22.8	27.4	23.9	11.48	7.700	4.300	30
31	3.050		4.200		37.3		24.2	25.9		10.58		4.850	31
TOTAL	127.88	100.55	104.95	177.33	704.85	835.8	883.3	903.3	1 117.5	504.8	248.85	221.93	TOTAL
MEAN	4.13	3.59	3.39	5.91	22.7	27.9	28.8	29.1	37.3	16.3	8.33	7.16	MEAN
MAX	4.85	4.85	4.20	12.2	61.7	36.2	36.4	41.0	109	23.3	12.1	8.85	MAX
MIN	3.05	2.55	3.00	3.54	7.26	19.8	22.0	18.9	20.0	10.5	6.40	4.76	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.3
MAXIMUM DAILY, 109 ON SEP 13
MINIMUM DAILY, 2.550 ON FEB 9
MAXIMUM INSTANTANEOUS,
127 AT 04:45 MST ON SEP 13

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 02 N
LONG 115 01 00 W
DRAINAGE AREA, 2 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 000	JUL	77 300
FEB	8 690	AUG	78 000
MAR	9 070	SEP	93 600
APR	15 300	OCT	43 600
MAY	60 900	NOV	21 300
JUN	72 300	DEC	19 200

TOTAL DISCHARGE, 513 000 dam³

RED DEER RIVER NEAR SIMDLOSS - STATION NO. 05CK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.68	11.88	14.18	180 B	67.4	38.2	42.9	31.8	58.2	84.8	33.8	9.300	1
2	13.78	11.88	13.88	181 B	67.5	36.1	39.1	32.2	53.8	86.1	32.4	10.2 B	2
3	13.88	11.88	13.28	180 B	64.4	36.3	36.2	34.4	48.1	76.2	32.1	11.7 B	3
4	13.98	12.08	13.18	149 B	59.5	37.7	35.3	36.0	45.9	67.0	32.1	13.9 B	4
5	14.18	11.98	13.68	157	57.9	40.5	33.0	37.2	43.8	64.8	31.5	13.4 B	5
6	13.88	11.88	13.98	227	58.5	42.1	30.0	36.4	41.7	58.9	31.6	14.1 B	6
7	13.48	11.78	13.38	208	55.1	48.1	28.1	35.8	38.3	52.1	31.0	14.2 B	7
8	13.38	11.88	13.28	185	53.1	49.4	30.5	35.3	35.6	48.7	29.2	14.3 B	8
9	13.18	11.88	13.88	178	47.2	48.3	31.0	36.7	34.3	46.5	19.5 B	14.5 B	9
10	12.88	11.78	14.78	180	44.8	41.1	27.5	37.1	33.7	45.6	19.1 B	13.8 B	10
11	12.88	11.88	15.88	171	42.7	40.0	28.7	41.6	34.8	44.2	19.2 B	13.3 B	11
12	12.88	12.08	16.18	143	41.3	39.1	34.1	50.2	34.3	43.0	18.3 B	13.2 B	12
13	12.98	12.48	14.28	126	39.9	36.3	33.6	58.3	37.7	42.2	18.2 B	13.1 B	13
14	13.28	12.88	14.48	123	38.0	42.3	33.8	58.7	47.8	43.0	18.4 B	13.1 B	14
15	13.18	13.08	14.48	116	36.9	44.8	32.3	53.5	48.4	41.3	17.2 B	13.3 B	15
16	13.18	13.18	15.88	113	35.1	41.0	32.4	48.9	51.7	40.3	15.8 B	13.5 B	16
17	13.28	13.38	16.88	106	32.8	37.4	33.3	47.6	123	40.6	14.1 B	14.0 B	17
18	13.18	13.48	18.08	98.3	30.4	41.3	34.3	47.8	227	40.5	13.0 B	14.7 B	18
19	12.98	13.88	21.58	92.4	28.1	43.1	35.5	48.7	208	40.3	11.1 B	14.8 B	19
20	12.78	13.78	24.68	85.3	26.0	43.1	36.0	48.1	174	39.1	10.3 B	14.9 B	20
21	12.88	13.88	32.98	78.7	28.3	45.8	37.0	48.1	157	38.6	9.748	15.1 B	21
22	13.08	13.98	35.18	74.8	27.8	46.8	38.9	52.0	142	38.3	9.108	15.2 B	22
23	13.18	14.08	36.08	72.7	28.4	52.7	31.4	58.8	131	37.8	8.908	15.1 B	23
24	13.28	14.18	34.08	83.2	28.4	55.4	31.3	63.9	107	37.0	8.708	15.1 B	24
25	13.18	14.18	34.88	84.3	29.8	58.8	31.4	63.4	84.5	37.0	8.408	14.8 B	25
26	13.18	14.28	34.28	81.6	28.8	46.6	31.7	61.6	83.0	37.6	8.308	14.6 B	26
27	13.88	14.38	35.08	88.7	27.3	44.1	30.1	67.3	78.0	37.6	8.208	14.0 B	27
28	13.48	14.48	70.08	98.3	28.8	46.2	29.6	63.7	76.8	37.2	8.308	13.3 B	28
29	13.38		110 B	97.3	31.8	49.0	30.4	68.7	73.1	37.0	8.408	13.8 B	29
30	13.18		130 B	88.8	33.0	47.6	31.3	69.8	68.9	38.3	8.608	13.6 B	30
31	13.08		150 B		33.3		31.3	61.7		33.8		13.7 B	31
TOTAL	408.1	360.3	987.7	3 886.4	1 215.3	1 306.7	938.3	1 672.0	2 430.3	1 488.8	538.14	431.30	TOTAL
MEAN	13.1	12.9	31.8	130	39.2	43.5	30.8	53.7	80.7	48.5	17.8	13.6	MEAN
MAX	14.1	14.4	150	227	88.5	58.8	42.9	83.4	227	78.2	33.8	15.2	MAX
MIN	12.8	11.8	12.8	85.2	26.4	36.1	28.2	31.8	33.7	33.8	8.30	9.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.4
MAXIMUM DAILY, 227 ON APR 6
MINIMUM DAILY, 8.300 ON NOV 27
MAXIMUM INSTANTANEOUS,
243 AT 05:30 MST ON APR 6

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 10 N
LONG 110 17 30 W
DRAINAGE AREA, 44 700 km²
B - ICE CONDITIONS
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	25 000	JUL	80 000
FEB	31 100	AUG	128 000
MAR	83 000	SEP	200 000
APR	210 000	OCT	132 000
MAY	105 000	NOV	46 200
JUN	113 000	DEC	36 000

TOTAL DISCHARGE, 1 310 000 dam³

REDEARTH CREEK NEAR THE MOUTH - STATION NO. 08BB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.650E	13.5	9.23	3.49	2.49	3.17	1.87A	---	1
2	---	---	---	---	0.734A	12.1	8.49	3.49	2.35	2.98	---	---	2
3	---	---	---	---	0.930	11.0	8.38	4.16	2.37	3.01	---	---	3
4	---	---	---	---	0.878	11.2	8.37	4.17	2.42	1.93	---	---	4
5	---	---	---	---	0.806	12.3	8.35	4.15	2.41	1.92	---	---	5
6	---	---	---	---	0.686	11.5	8.11	3.70	3.07	1.90	---	---	6
7	---	---	---	---	0.921	14.4	7.16	3.60	2.75	1.82	---	---	7
8	---	---	---	---	0.887	18.1	6.95	3.38	2.56	1.73	---	---	8
9	---	---	---	---	1.05	13.3	7.21	3.83	2.49	1.73	---	---	9
10	---	---	---	---	1.02	10.4	7.51	3.00	2.80	1.74	---	---	10
11	---	---	---	---	0.990	9.12	7.40	2.76	2.78	1.74	---	---	11
12	---	---	---	---	0.952	8.83	6.75	2.86	6.36	1.73	---	---	12
13	---	---	---	---	0.959	11.4	6.76	2.82	7.06	1.71	---	---	13
14	---	---	---	---	1.08	11.8	5.05	3.84	5.87	1.73	---	---	14
15	---	---	---	---	1.27	12.7	4.84	3.76	5.09	1.88	---	---	15
16	---	---	---	---	1.72	10.7	4.46	3.85	4.85	2.00	---	---	16
17	---	---	---	---	2.87	9.52	4.68	3.36	4.32	1.88	---	---	17
18	---	---	---	---	3.87	10.0	4.24	3.19	3.95	1.79	---	---	18
19	---	---	---	---	5.83	11.5	4.03	3.11	3.87	1.79	---	---	19
20	---	---	---	---	7.47	14.4	4.07	3.11	3.44	1.83	---	---	20
21	---	---	---	---	8.24	11.9	4.27	3.68	3.33	1.78	---	---	21
22	---	---	---	---	10.4	8.71	4.44	3.89	3.18	1.74	---	---	22
23	---	---	---	---	12.1	8.11	4.68	3.31	3.95	1.88	---	---	23
24	---	---	---	---	14.8	8.88	4.31	3.33	2.85	1.83	---	---	24
25	---	---	---	---	21.4	8.98	3.90	3.33	2.79	1.84	---	---	25
26	---	---	---	---	17.8	8.84	3.78	3.13	2.85	1.82	---	---	26
27	---	---	---	---	13.0	8.88	3.82	3.82	2.48	1.87	---	---	27
28	---	---	---	---	11.3	8.48	3.38	3.87	2.31	1.80	---	---	28
29	---		---	---	11.2	8.38	3.31	3.77	2.37	1.81	---	---	29
30	---		---	---	11.8	10.2	3.38	3.80	2.21	1.83	---	---	30
31	---		---		12.8		3.48	3.88		1.81		---	31
TOTAL	---	---	---	---	180.624	317.85	172.83	101.41	89.01	55.38	---	---	TOTAL
MEAN	---	---	---	---	5.83	10.6	5.58	3.27	2.30	1.79	---	---	MEAN
MAX	---	---	---	---	21.4	18.1	9.23	4.17	7.06	2.17	---	---	MAX
MIN	---	---	---	---	0.650	8.84	3.38	2.84	2.21	1.82	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.04
MAXIMUM DAILY, 21.4 ON MAY 25
MINIMUM DAILY, 0.650E ON MAY 1
MAXIMUM INSTANTANEOUS,
33.1 AT 20:30 MDT ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 13 22 N
LONG 115 46 40 W
DRAINAGE AREA, 167 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	10 900
FEB	---	AUG	6 790
MAR	---	SEP	8 550
APR	---	OCT	4 790
MAY	10 600	NOV	---
JUN	27 500	DEC	---

TOTAL DISCHARGE, 80 100 dam³

REDWATER RIVER NEAR THE MOUTH - STATION NO. 08EC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0188	4.838	6.01	0.220	0.243	0.044	0.0018	0.017	0.0088	---	1
2	---	---	0.0188	4.028	3.48	0.235	0.232	0.040	0.0018	0.018	0.0088	---	2
3	---	---	0.0208	4.648	3.87	0.245	0.224	0.037	0.0018	0.017	0.0108	---	3
4	---	---	0.0208	7.708	3.98	0.262	0.235	0.038	0.0018	0.018	0.0148	---	4
5	---	---	0.0188	10.6 E	3.38	0.231	0.200	0.035	0.0018	0.018	0.0139	---	5
6	---	---	0.0188	18.6 E	3.17	0.183	0.261	0.018	0.0018	0.014	0.0139	---	6
7	---	---	0.0188	20.6 E	2.86	0.189	0.248	0.013	0.008	0.013	---	---	7
8	---	---	0.0188	14.8	2.85	0.183	0.228	0.020	0.011	0.014	---	---	8
9	---	---	0.0188	13.6	2.72	0.188	0.230	0.018	0.018	0.012	---	---	9
10	---	---	0.0188	11.9	2.81	0.178	0.218	0.018	0.018	0.010	---	---	10
11	---	---	0.0208	10.4	2.34	0.188	0.182	0.018	0.017	0.011	---	---	11
12	---	---	0.0208	8.44	2.13	0.222	0.171	0.018	0.017	0.010	---	---	12
13	---	---	0.0178	8.78	1.98	0.228	0.142	0.018	0.018	0.010	---	---	13
14	---	---	0.0208	8.27	1.78	0.234	0.133	0.020	0.017	0.013	---	---	14
15	---	---	0.0218	7.60	1.58	0.224	0.133	0.027	0.018	0.013	---	---	15
16	---	---	0.0248	7.37	1.37	0.204	0.108	0.028	0.018	0.018	---	---	16
17	---	---	0.0338	8.81	1.33	0.198	0.109	0.028	0.014	0.018	---	---	17
18	---	---	0.0438	8.60	1.08	0.198	0.101	0.028	0.011	0.013	---	---	18
19	---	---	1.13 E	8.17	0.867	0.194	0.100	0.024	0.008	0.013	---	---	19
20	---	---	1.80 E	8.82	0.818	0.184	0.098	0.019	0.007	0.013	---	---	20
21	---	---	2.30 E	8.78	0.784	0.178	0.088	0.017	0.008	0.013	---	---	21
22	---	---	2.70 E	8.48	0.888	0.178	0.088	0.013	0.008	0.018	---	---	22
23	---	---	3.08 E	8.20	0.84*	0.178	0.088	0.008	0.008	0.018	---	---	23
24	---	---	3.37 E	8.19	0.678	0.208	0.100	0.008	0.010	0.018	---	---	24
25	---	---	3.00 E	8.08	0.488	0.300	0.088	0.001	0.008	0.018	---	---	25
26	---	---	3.05 E	4.88	0.428	0.282	0.082	0.0018	0.011	0.012	---	---	26
27	---	---	3.18 E	4.73	0.418	0.268	0.083	0.0018	0.013	0.0108	---	---	27
28	---	0.0148	3.34 E	4.81	0.458	0.278	0.078	0.0018	0.018	0.0218	---	---	28
29	---		3.58 E	4.38	0.403	0.287	0.083	0.0018	0.018	0.0108	---	---	29
30	---		3.82 E	4.22	0.344	0.268	0.083	0.0018	0.017	0.0078	---	---	30
31	---		4.33 E		0.288		0.048	0.0018		0.0078		---	31
TOTAL	---	---	38.604	242.38	63.182	7.178	4.885	0.537	0.318	0.435	---	---	TOTAL
MEAN	---	---	1.24	8.08	1.72	0.239	0.158	0.017	0.010	0.014	---	---	MEAN
MAX	---	---	4.33	20.6	4.01	0.300	0.263	0.044	0.018	0.021	---	---	MAX
MIN	---	---	0.017	4.22	0.288	0.178	0.048	0.001	0.001	0.007	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.42
MAXIMUM DAILY, 20.6E ON APR 7
MINIMUM DAILY, 0.001 ON AUG 25
MAXIMUM INSTANTANEOUS,
20.78 AT 09:05 MDT ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 53 45 N
LONG 112 55 45 W
DRAINAGE AREA, 1 550 km²

D - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	439
FEB	---	AUG	46.4
MAR	3 330	SEP	27.0
APR	36 000	OCT	38.7
MAY	4 000	NOV	---
JUN	000	DEC	---

TOTAL DISCHARGE, 30 000 dam³

REDWATER RIVER NEAR VIMY - STATION NO. 05EC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	19.4 B	0.860	0.003	0	0	0	0	---	---	1
2	---	---	0 B	22.2	0.777	0.003	0	0	0	0	---	---	2
3	---	---	0 B	23.0	0.681	0.001	0	0	0	0	---	---	3
4	---	---	0 B	19.8	0.597	0	0	0	0	0	---	---	4
5	---	---	0 B	15.4	0.451	0	0	0	0	0	---	---	5
6	---	---	0 B	12.5	0.328	0	0	0	0	0	---	---	6
7	---	---	0 B	10.5	0.208	0	0	0	0	0	---	---	7
8	---	---	0 B	8.97	0.067	0	0	0	0	0	---	---	8
9	---	---	0 B	7.46	0.073	0	0	0	0	0	---	---	9
10	---	---	0 B	6.22	0.047	0	0	0	0	0	---	---	10
11	---	---	0 B	5.03	0.029	0	0	0	0	0	---	---	11
12	---	---	0 B	3.94	0.026	0	0	0	0	0	---	---	12
13	---	---	0 B	3.11	0.035	0	0	0	0	0	---	---	13
14	---	---	0 B	2.57	0.031	0	0	0	0	0	---	---	14
15	---	---	0 B	2.11	0.018	0	0	0	0	0	---	---	15
16	---	---	0 B	1.80	0.015	0	0	0	0	0	---	---	16
17	---	---	0 B	1.36	0.013	0	0	0	0	0	---	---	17
18	---	---	0 B	1.11	0.011	0	0	0	0	0	---	---	18
19	---	---	0 B	0.874	0.011	0	0	0	0	0	---	---	19
20	---	---	0 B	0.803	0.010	0	0	0	0	0	---	---	20
21	---	---	0 B	0.657	0.009	0	0	0	0	0	---	---	21
22	---	---	0 B	0.343	0.008	0	0	0	0	0	---	---	22
23	---	---	0.0038 B	0.214	0.008	0	0	0	0	0	---	---	23
24	---	---	2.77 B	0.411	0.007	0.005	0	0	0	0	---	---	24
25	---	---	4.13 B	0.587	0.007	0.001	0	0	0	0	---	---	25
26	---	---	4.30 B	0.684	0.008	0.001	0	0	0	0	---	---	26
27	---	---	4.15 B	0.643	0.008	0	0	0	0	0	---	---	27
28	---	---	4.30 B	1.03	0.008	0	0	0	0	0A	---	---	28
29	---		4.93 B	1.07	0.008	0	0	0	0	0E	---	---	29
30	---		5.18 B	0.913	0.004	0	0	0	0	0E	---	---	30
31	---		7.53 B		0.004		0	0		0E		---	31
TOTAL	---	---	37.142	170.889	4.459	0.014	0	0	0	0	---	---	TOTAL
MEAN	---	---	1.20	5.89	0.144	0	0	0	0	0	---	---	MEAN
MAX	---	---	7.53	23.0	0.860	0.005	0	0	0	0	---	---	MAX
MIN	---	---	0	0.214	0.004	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.555
MAXIMUM DAILY, 23.0 ON APR 3
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
28.7 AT 22:45 MST ON APR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	3 210	SEP	0
APR	14 700	OCT	0
MAY	385	NOV	---
JUN	1.21	DEC	---

TOTAL DISCHARGE, 18 300 dam³

REDWILLOW CREEK NEAR RED WILLOW - STATION NO. 05EC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0138	1.75 B	0.077	0.0458	0.004	0.003	0.004	0.003	0.050	---	1
2	---	---	0.0138	1.90 B	0.951	0.0708	0.004	0.004	0.005	0.003	0.020	---	2
3	---	---	0.0138	2.18 B	0.387	0.0458	0.004	0.005	0.013	0.003	0.017	---	3
4	---	---	0.0138	2.16 B	0.336	0.0638	0.004	0.005	0.014	0.003	0.008	---	4
5	---	---	0.0138	2.20 B	0.293	0.0588	0.004	0.005	0.011	0.002	0.005A	---	5
6	---	---	0.0138	2.31	0.184	0.0638	0.004	0.005	0.005	0.002	---	---	6
7	---	---	0.0138	2.14	0.148	0.0368	0.004	0.030	0.005	0.063	---	---	7
8	---	---	0.0138	1.62	0.148	0.0308	0.004	0.080	0.018	0.401	---	---	8
9	---	---	0.0138	1.13	0.178	0.0258	0.005	0.100	0.020	0.388	---	---	9
10	---	---	0.0138	0.674	0.188	0.0208	0.004	0.080	0.013	0.378	---	---	10
11	---	---	0.0138	0.937	0.139	0.0178	0.007	0.060	0.003	0.338	---	---	11
12	---	---	0.0138	0.608	0.187	0.0178	0.005	0.030	0.004	0.330	---	---	12
13	---	---	0.0138	0.342	0.168	0.0178	0.005	0.004	0.003	0.302	---	---	13
14	---	---	0.0138	0.250	0.184	0.0178	0.004	0.054	0.002	0.330	---	---	14
15	---	---	0.0138	0.188	0.404	0.0138	0.003	0.188	0.005	0.308	---	---	15
16	---	---	0.0308	0.148	0.213	0.0108	0.003	0.044	0.005	0.281	---	---	16
17	---	---	0.0408	0.104	0.144	0.0078	0.003	0.067	0.003	0.230	---	---	17
18	---	---	0.1008	0.183	0.102	0.0068	0.003	0.084	0.003	0.211	---	---	18
19	---	---	0.5008	0.300	0.0848	0.005	0.003	0.043	0.002	0.183	---	---	19
20	---	---	7.30 B	0.191	0.0888	0.005	0.003	0.034	0.002	0.188	---	---	20
21	---	---	12.4 B	0.180	0.0478	0.005	0.003	0.083	0.003	0.178	---	---	21
22	---	---	9.05 B	0.337	0.028A	0.005	0.003	0.118	0.003	0.158	---	---	22
23	---	---	5.25 B	0.645	0.026E	0.005	0.003	0.052	0.001	0.150	---	---	23
24	---	---	4.30 B	0.808	0.027E	0.005	0.003	0.080	0.005	0.191	---	---	24
25	---	---	3.78 B	1.13	0.028E	0.004	0.003	0.092	0.004	0.138	---	---	25
26	---	---	3.38 B	1.38	0.031E	0.004	0.003	0.033	0.003	0.081	---	---	26
27	---	---	2.80 B	1.23	0.032E	0.004	0.003	0.030	0.003	0.068	---	---	27
28	---	---	3.10 B	0.885	0.035E	0.004	0.003	0.005	0.003	0.048	---	---	28
29	---		1.80 B	0.884	0.035E	0.004	0.003	0.003	0.003	0.031	---	---	29
30	---		1.78 B	0.662	0.030E	0.004	0.002	0.001	0.003	0.030	---	---	30
31	---		1.83 B		0.030E		0.003	0.001		0.035		---	31
TOTAL	---	---	98.488	38.787	5.013	0.231	0.121	1.804	0.178	5.064	---	---	TOTAL
MEAN	---	---	1.83	0.959	0.182	0.021	0.004	0.048	0.008	0.184	---	---	MEAN
MAX	---	---	12.4	2.31	0.677	0.070	0.008	0.188	0.020	0.401	---	---	MAX
MIN	---	---	0.013	0.104	0.021	0.004	0.002	0.001	0.001	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.388
MAXIMUM DAILY, 12.48 ON MAR 21
MINIMUM DAILY, 0.001 ON AUG 30

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 31 10 N
LONG 113 23 13 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10.0
FEB	---	AUG	130
MAR	4 880	SEP	15.1
APR	2 400	OCT	439
MAY	433	NOV	---
JUN	84.0	DEC	---

TOTAL DISCHARGE, 8 450 dam³

REDWILLOW RIVER NEAR BEAVERLODGE - STATION NO. 07GD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3308	0.2308	0.1358	1.06 B	3.98	10.3	3.18	0.174	0.369	9.05	5.29 B	0.4748	1
2	0.3588	0.2038	0.1358	1.42 B	3.93	9.36	2.79	0.175	0.375	8.44	4.13 B	0.4938	2
3	0.3428	0.1888	0.1338	1.49 B	4.38	8.23	2.86	0.179	0.438	7.79	4.72 B	0.5108	3
4	0.3288	0.1748	0.1318	1.06 B	5.17	7.34	2.43	0.185	0.478	7.36	4.67 B	0.4938	4
5	0.3488	0.1838	0.1308	0.7848	9.37	6.54	1.82	0.189	0.821	6.81	3.96 B	0.4878	5
6	0.3428	0.1578	0.1308	0.5748	10.4	6.03	1.44	0.183	0.783	6.49	3.32 B	0.5068	6
7	0.3188	0.1548	0.1308	0.5458	10.4	5.18	1.18	0.178	0.795	6.03	3.38 B	0.4878	7
8	0.2948	0.1498	0.1338	0.6408	10.5	4.36	0.852	0.213	0.821	5.74	3.02 B	0.4808	8
9	0.2868	0.1498	0.1358	0.7308	10.6	3.66	0.723	0.284	1.74	5.61	2.96 B	0.4818	9
10	0.2908	0.1458	0.1398	0.9908	10.9	3.34	0.641	0.286	2.09	5.45	3.04 B	0.4548	10
11	0.3068	0.1458	0.1448	1.56 B	11.9	3.88	0.450	0.263	2.18	5.33	3.06 B	0.4878	11
12	0.3108	0.1418	0.1498	2.16 B	11.7	2.65	0.375	0.307	3.33	5.80	3.12 B	0.4938	12
13	0.3188	0.1378	0.1548	2.93 B	10.8	2.27	0.325	0.308	3.28	6.41	3.18 B	0.4938	13
14	0.3288	0.1378	0.1638	4.15 B	9.82	2.46	0.275	0.316	9.43	7.06	3.32 B	0.5208	14
15	0.3348	0.1388	0.1758	5.43	9.03	2.15	0.242	0.316	12.6	8.31	3.80 B	0.5508	15
16	0.3488	0.1388	0.1908	7.74	8.38	1.58	0.235	0.311	11.6	9.33	1.98 B	0.5408	16
17	0.3508	0.1388	0.2328	7.86	8.19	1.62	0.218	0.311	11.2	10.1	1.82 B	0.4808	17
18	0.3348	0.1448	0.3428	7.66	7.84	1.62	0.206	0.411	14.7	10.2	1.41 B	0.4508	18
19	0.3148	0.1488	0.6308	7.08	7.58	1.46	0.190	0.729	16.8	10.2	1.24 B	0.4208	19
20	0.3068	0.1438	0.8068	6.71	7.07	1.23	0.184	0.706	16.6	10.1	1.03 B	1.05 B	20
21	0.3108	0.1428	0.5508	5.95	6.67	1.11	0.182	0.700	15.4	10.4	0.8208	1.12 B	21
22	0.3188	0.1368	0.4938	5.09	6.05	0.904	0.187	0.630	15.4	10.3	0.8908	1.14 B	22
23	0.3288	0.1378	0.4488	4.89	5.53	0.811	0.184	0.532	14.9	9.83	0.9508	1.12 B	23
24	0.3378	0.1388	0.3488	4.45	5.07	0.880	0.186	0.505	13.5	9.838	0.9108	1.08 B	24
25	0.3318	0.1418	0.2788	4.20	5.19	0.888	0.198	0.453	12.2	9.348	0.4818	1.06 B	25
26	0.3268	0.1438	0.2388	3.83	5.08	1.82	0.193	0.405	11.2	7.018	0.4808	1.00 B	26
27	0.3298	0.1378	0.2748	4.01	5.97	2.27	0.188	0.385	10.7	6.738	0.5008	0.9458	27
28	0.3208	0.1378	0.3548	4.17	10.2	3.33	0.190	0.369	10.5	6.838	0.5208	0.8808	28
29	0.3088		0.2678	4.22	10.3	3.02	0.178	0.382	10.2	6.888	0.4938	0.8008	29
30	0.2848		0.2448	4.15	11.0	2.74	0.172	0.379	9.45	6.798	0.4808	0.7308	30
31	0.2728		0.4438		10.9		0.173	0.377		5.318		0.6108	31
TOTAL	9.941	4.225	6.031	107.433	281.58	102.781	23.884	11.085	232.780	239.59	80.874	31.687	TOTAL
MEAN	0.321	0.151	0.255	3.58	9.64	3.43	0.731	0.357	7.75	7.73	2.03	0.700	MEAN
MAX	0.356	0.230	0.830	7.74	11.9	10.3	3.18	0.729	16.8	10.4	5.29	1.14	MAX
MIN	0.272	0.135	0.130	0.545	3.93	0.811	0.173	0.174	0.369	5.33	0.481	0.454	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.97
MAXIMUM DAILY, 16.9 ON SEP 19
MINIMUM DAILY, 0.1308 ON MAR 5
MAXIMUM INSTANTANEOUS,
17.0 AT 18:00 MST ON SEP 19

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 04 55 N
LONG 118 31 30 W
DRAINAGE AREA, 1 510 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	859	JUL	1 880
FEB	385	AUG	956
MAR	894	SEP	20 100
APR	9 280	OCT	20 700
MAY	22 600	NOV	6 270
JUN	8 880	DEC	1 670

TOTAL DISCHARGE, 93 900 dam³

REESOR RESERVOIR NEAR ELKWATER - STATION NO. 11AB090

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1336.331	---	---	---	---	---	---	---	1
2	---	---	---	1336.175	---	---	1336.188	---	---	---	---	---	2
3	---	---	---	---	1336.311	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	1336.151	---	---	---	5
6	---	---	---	---	1336.318	1336.230	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	1336.123	---	---	---	---	7
8	---	---	1336.110E	1336.210E	1336.290E	1336.210E	1336.184	1336.110E	1336.178E	1336.344E	---	---	8
9	---	---	---	---	---	---	---	---	---	1336.344	---	---	9
10	---	---	---	1336.218	---	---	---	---	---	---	---	---	10
11	---	---	1336.138	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	1336.264	---	---	---	1336.256	---	---	---	16
17	---	---	---	1336.228	---	1336.148	1336.156	---	---	---	---	---	17
18	---	---	---	1336.230E	---	1336.150E	---	---	1336.270E	1336.381	---	---	18
19	---	---	1336.134E	---	1336.245E	---	1336.150E	1336.890E	---	1336.380E	---	---	19
20	---	---	1336.126	---	---	---	---	1336.889	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	1336.078E	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	1336.330E	---	---	25
26	---	---	1336.163	---	---	---	---	---	1336.345	---	---	---	26
27	---	1336.078	---	---	---	---	---	---	---	---	---	---	27
28	---	1336.078E	---	1336.338E	1336.238	1336.178E	---	1336.111	1336.345E	1336.316	---	---	28
29	---	---	1336.181E	1336.340	1336.338E	---	1336.142	1336.118E	---	---	---	---	29
30	---	---	---	1336.340E	---	1336.180E	---	---	1336.345E	---	---	---	30
31	---	---	1336.170E	---	1336.338E	---	1336.130E	1336.128E	---	1336.300E	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 1336.381 ON OCT 19

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 39 40 N
LONG 110 05 44 W

E - ESTIMATED

REGULATED

DRAINAGE AREA,
3.55 km²

REITA CREEK NEAR OUTLET OF ANGLING LAKE - STATION NO. 08AD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0488	0.0158	0.0128	0.4038	0.240	0.032	0.003	0	0	0.001	0.0018	0.0728	1
2	0.0478	0.0148	0.0138	0.4068	0.236	0.023	0.003	0	0	0.001	0.0018	0.0728	2
3	0.0468	0.0138	0.0148	0.4018	0.240	0.015	0.003	0	0.001	0.001	0.0018	0.0728	3
4	0.0468	0.0138	0.0148	0.3868	0.338	0.009	0.003	0	0.001	0.001	0.0018	0.0738	4
5	0.0468	0.0128	0.0158	0.376	0.230	0.006	0.002	0	0.001	0.001	0.0018	0.0738	5
6	0.0458	0.0118	0.0148	0.359	0.218	0.007	0.002	0	0.001	0.001	0.0018	0.0748	6
7	0.0458	0.0108	0.0118	0.354	0.211	0.006	0.002	0	0.001	0.001	0.0018	0.0748	7
8	0.0458	0.0108	0.0118	0.353	0.218	0.015	0.002	0	0.001	0.001	0.0028	0.0758	8
9	0.0458	0.0098	0.0118	0.338	0.212	0.017	0.001	0	0.001	0.001	0.0038	0.0758	9
10	0.0448	0.0088	0.0128	0.331	0.208	0.017	0.001	0	0.001	0.001	0.0048	0.0758	10
11	0.0438	0.0078	0.0138	0.301	0.187	0.015	0.001	0	0.001	0.001	0.0068	0.0768	11
12	0.0428	0.0078	0.0158	0.278	0.180	0.011	0.001	0	0.001	0.001	0.0388	0.0768	12
13	0.0408	0.0078	0.0168	0.261	0.180	0.007	0.002	0	0.001	0.001	0.0538	0.0788	13
14	0.0398	0.0078	0.0178	0.261	0.183	0.004	0.003	0	0.001	0.001	0.0588	0.0778	14
15	0.0388	0.0078	0.0178	0.264	0.148	0.005	0.003	0	0.001	0.001	0.0818	0.0778	15
16	0.0388	0.0078	0.0178	0.231	0.138	0.005	0.002	0	0.001	0.001	0.0838	0.0778	16
17	0.0348	0.0078	0.0168	0.227	0.130	0.004	0.002	0	0.001	0.001	0.0848	0.0788	17
18	0.0328	0.0078	0.0188	0.222	0.118	0.004	0.001	0	0.001	0.001	0.0858	0.0788	18
19	0.0318	0.0078	0.0188	0.228	0.105	0.003	0.001	0	0.001	0.001	0.0868	0.0788	19
20	0.0298	0.0078	0.0178	0.270	0.092	0.003	0.001	0	0.001	0.001	0.0868	0.0788	20
21	0.0288	0.0068	0.0188	0.255	0.076	0.003	0.001	0	0.001	0.001	0.0878	0.0808	21
22	0.0268	0.0068	0.0198	0.247	0.059	0.003	0.001	0	0.001	0.001	0.0878	0.0808	22
23	0.0258	0.0088	0.0218	0.310	0.048	0.003	0.001	0	0.001	0.001	0.0888	0.0808	23
24	0.0248	0.0108	0.0458	0.315	0.037	0.003	0.001	0	0.001	0.001	0.0888	0.0818	24
25	0.0238	0.0108	0.1018	0.258	0.034	0.003	0.001	0	0.001	0.001	0.0898	0.0818	25
26	0.0218	0.0128	0.1808	0.252	0.038	0.004	0.001	0	0.001	0.001	0.0898	0.0828	26
27	0.0208	0.0148	0.2608	0.287	0.044	0.004	0.001	0	0.001	0.001	0.0708	0.0828	27
28	0.0198	0.0148	0.3418	0.275	0.045	0.003	0.001	0	0.001	0.001A	0.0708	0.0828	28
29	0.0188		0.3688	0.255	0.045	0.003	0	0	0.001	0.001	0.0718	0.0838	29
30	0.0178		0.3858	0.247	0.040	0.003	0	0	0.001	0.001B	0.0718	0.0848	30
31	0.0168		0.3968		0.037		0	0		0.001B		0.0848	31
TOTAL	1.057	0.371	2.425	9.084	4.207	0.344	0.046	0	0.025	0.031	1.238	2.408	TOTAL
MEAN	0.034	0.010	0.078	0.303	0.136	0.008	0.001	0	0.001	0.001	0.041	0.078	MEAN
MAX	0.048	0.015	0.396	0.406	0.240	0.032	0.003	0	0.001	0.001	0.071	0.084	MAX
MIN	0.016	0.007	0.011	0.222	0.034	0.003	0	0	0	0.001	0.001	0.072	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.056
MAXIMUM DAILY, 0.4068 ON APR 2
MINIMUM DAILY, 0 ON JUL 29

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 45 N
LONG 110 18 45 W
DRAINAGE AREA, 161 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	91.3	JUL	3.97
FEB	33.4	AUG	0
MAR	210	SEP	2.42
APR	786	OCT	3.68
MAY	363	NOV	107
JUN	31.1	DEC	208

TOTAL DISCHARGE, 1 830 dam³

RENWICK CREEK NEAR THREE HILLS - STATION NO. 05CE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0178	0.008	0	0	0	0	0	0	---	1
2	---	---	0 B	0.0198	0.008	0	0	0	0	0	0	---	2
3	---	---	0 B	0.0198	0.004	0	0	0	0	0	0	---	3
4	---	---	0 B	0.0198	0.003	0	0	0	0	0	0A	---	4
5	---	---	0 B	0.0198	0.003	0	0	0	0	0	---	---	5
6	---	---	0 B	0.0188	0.002	0	0	0	0	0	---	---	6
7	---	---	0 B	0.0188	0.002	0	0	0	0	0	---	---	7
8	---	---	0.0028	0.0138	0.001	0	0	0	0	0	---	---	8
9	---	---	0.0048	0.0118	0.001	0	0	0	0	0	---	---	9
10	---	---	0.0068	0.0098	0	0	0	0	0	0	---	---	10
11	---	---	0.0108	0.0088	0	0	0	0	0	0	---	---	11
12	---	---	0.1308	0.0068	0	0	0	0	0	0	---	---	12
13	---	---	0.3288	0.0048	0	0	0	0	0.007	0	---	---	13
14	---	---	0.3368	0.0048	0	0	0	0	0.004	0	---	---	14
15	---	---	0.4378	0.0048	0	0	0	0	0.001	0	---	---	15
16	---	---	0.4808	0.004A	0	0	0	0	0	0	---	---	16
17	---	---	0.5108	0.002	0	0	0	0	0	0	---	---	17
18	---	---	0.5908	0.002	0	0	0	0	0	0	---	---	18
19	---	---	0.2548	0.002	0	0	0	0	0	0	---	---	19
20	---	---	0.1488	0.004	0	0	0	0	0	0	---	---	20
21	---	---	0.0878	0.007	0	0	0	0	0	0	---	---	21
22	---	---	0.0378	0.008	0	0	0	0	0	0	---	---	22
23	---	---	0.0208	0.048	0	0	0	0	0	0	---	---	23
24	---	---	0.0208	0.088	0	0	0	0	0	0	---	---	24
25	---	---	0.0198	0.084	0	0	0	0	0	0	---	---	25
26	---	---	0.0188	0.038	0	0	0	0	0	0	---	---	26
27	---	---	0.0188	0.028	0	0	0	0	0	0	---	---	27
28	---	---	0.0178	0.027	0	0	0	0	0	0	---	---	28
29	---		0.0188	0.018	0	0	0	0	0	0	---	---	29
30	---		0.0188	0.013	0	0	0	0	0	0	---	---	30
31	---		0.0188		0		0	0		0		---	31
TOTAL	---	---	3.456	0.494	0.031	0	0	0	0.012	0	---	---	TOTAL
MEAN	---	---	0.112	0.016	0.001	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.550	0.088	0.008	0	0	0	0.007	0	---	---	MAX
MIN	---	---	0	0.002	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.5508 ON MAR 18
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 43 01 N
LONG 113 21 47 W
DRAINAGE AREA, 57.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	299	SEP	1.04
APR	43.7	OCT	0
MAY	3.88	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 345 dam³

RIDSTONE CREEK NEAR CZAR - STATION NO. 05FD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.377	2.30	0.611	0.169	0.046	0.0838	0.087	0.0038	---	1
2	---	---	0 B	0.451	2.10	0.557	0.133	0.039	0.0538	0.083	0.0038	---	2
3	---	---	0 B	0.582	1.83	0.517	0.120	0.032	0.0468	0.054	0.0038	---	3
4	---	---	0 B	0.708	1.71	0.482	0.110	0.028	0.0468	0.048	0.0038	---	4
5	---	---	0 B	0.755	1.59	0.449	0.102	0.031	0.0438	0.037	0.0038	---	5
6	---	---	0 B	0.802	1.47	0.417	0.100	0.018	0.0408	0.038	0.0038	---	6
7	---	---	0 B	0.802	1.38	0.378	0.097	0.027	0.0378	0.021	---	---	7
8	---	---	0 B	1.10	1.49	0.385	0.097	0.041	0.0368	0.015	---	---	8
9	---	---	0 B	1.80	1.53	0.385	0.094	0.056	0.0338	0.014	---	---	9
10	---	---	0 B	2.85	1.62	0.366	0.083	0.065	0.0308	0.013	---	---	10
11	---	---	0 B	3.95	1.31	0.320	0.076	0.070	0.027A	0.013	---	---	11
12	---	---	0 B	4.84	1.28	0.299	0.077	0.072	0.026	0.014	---	---	12
13	---	---	0 B	5.17	1.43	0.280	0.080	0.071A	0.036	0.012	---	---	13
14	---	---	0 B	5.01	1.39	0.278	0.082	0.073E	0.032	0.012	---	---	14
15	---	---	0 B	5.00	1.31	0.264	0.078	0.070E	0.028	0.014	---	---	15
16	---	---	0 B	5.46	1.17	0.269	0.064	0.072E	0.029	0.010	---	---	16
17	---	---	0 0.0368	5.42	1.08	0.281	0.060	0.070E	0.027	0.023	---	---	17
18	---	---	0.0368	5.04	0.944	0.327	0.110	0.065E	0.027	0.023	---	---	18
19	---	---	0.0909	4.53	0.832	0.404	0.117	0.060E	0.030	0.023	---	---	19
20	---	---	0.1308	4.80	0.791	0.366	0.121	0.065E	0.030	0.020	---	---	20
21	---	---	0 1.64A	4.49	0.771	0.368	0.118	0.060E	0.030	0.017	---	---	21
22	---	---	0 1.58	4.61	0.753	0.315	0.113	0.060E	0.035	0.018	---	---	22
23	---	---	0 1.47	4.14	0.741	0.298	0.104	0.070E	0.042	0.015	---	---	23
24	---	---	0 1.31	3.82	0.783	0.308	0.084	0.078E	0.049	0.011	---	---	24
25	---	---	0.987	3.32	0.800	0.289	0.087	0.078E	0.050	0.000	---	---	25
26	---	---	0 0.88A	3.11	0.827	0.284	0.080	0.073E	0.049	0.008	---	---	26
27	---	0B	0 0.81	3.18	0.788	0.249	0.076	0.070E	0.073	0.006	---	---	27
28	---	0B	0 0.86	3.03	0.764	0.228	0.082	0.067E	0.074	0.005	---	---	28
29	---		0 0.84	2.70	0.724	0.202	0.083	0.064E	0.074	0.0058	---	---	29
30	---		0 1.33	2.60	0.674	0.171	0.087	0.061E	0.073	0.0038	---	---	30
31	---		0.206		0.637		0.081	0.058E		0.0038		---	31
TOTAL	---	---	1.811	94.288	36.634	10.263	2.931	1.783	1.292	0.630	---	---	TOTAL
MEAN	---	---	0.062	3.14	1.18	0.343	0.095	0.058	0.043	0.020	---	---	MEAN
MAX	---	---	0.206	5.61	2.30	0.611	0.169	0.078	0.074	0.087	---	---	MAX
MIN	---	---	0	0.377	0.637	0.171	0.081	0.018	0.027	0.003	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.610
MAXIMUM DAILY, 5.61 ON APR 16
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
5.63 AT 14:17 MST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 28 17 N
LONG 110 44 16 W
DRAINAGE AREA, 1 830 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	263
FEB	---	AUG	194
MAR	139	SEP	112
APR	5 140	OCT	54.4
MAY	3 160	NOV	---
JUN	886	DEC	---

TOTAL DISCHARGE, 12 800 dam³

RIDSTONE CREEK NEAR EDGERTON - STATION NO. 05FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.3468	3.87	0.3008	0.741	0.240	0.180	0.208	0.1518	---	1
2	---	---	0 B	0.3738	3.75	0.484	0.708E	0.234	0.183	0.213	0.1348	---	2
3	---	---	0 B	0.3008	3.19	0.478	0.675	0.218	0.187	0.2328	0.1178	---	3
4	---	---	0 B	0.2408	2.86 E	1.61	0.817	0.171	0.0678	0.280	0.1008	---	4
5	---	---	0 B	0.2008	1.97	0.117	0.693	0.1788	0.007	0.200	0.0838	---	5
6	---	---	0 B	0.2058	1.69	1.71	0.910	0.1888	0.058	0.1908	0.0888	---	6
7	---	---	0 B	0.2808	1.24 E	2.47	0.819	0.1988	0.042	0.180	---	---	7
8	---	---	0 B	0.2408	0.988	2.25 E	0.838	0.205	0.043	0.208	---	---	8
9	---	---	0 B	0.150	0.494	2.03 E	0.933	0.283	0.088	0.2318	---	---	9
10	---	---	0 B	0.0888	0.348	1.81	0.845	0.240	0.0838	0.217	---	---	10
11	---	---	0 B	0.048	1.83 E	2.40	0.5838	0.205	0.088	0.210	---	---	11
12	---	---	0 B	0.042	2.88 E	2.82	0.478	0.174	0.178	0.202	---	---	12
13	---	---	0 B	0.041	3.86	2.80 E	0.486	0.185	0.178	0.194	---	---	13
14	---	---	0 B	0.0348	4.86	2.38 E	0.4938	0.186	0.178	0.187	---	---	14
15	---	---	0 B	0.034	4.11	2.13	0.500	0.087	0.178	0.1988	---	---	15
16	---	---	0 B	0.036	5.23	1.96 E	0.410	0.107	0.1888	0.212	---	---	16
17	---	---	0.0328	0.036	5.19	1.83 E	0.528	0.107	0.154	0.2148	---	---	17
18	---	---	0.0368	0.017	5.11	1.66	0.518	0.171	0.185	0.218	---	---	18
19	---	---	0.0468	1.47 E	5.15 E	1.15	0.506	0.073	0.1888	0.194	---	---	19
20	---	---	0.0638	3.71	5.19	1.10 E	0.525	0.0888	0.192	0.1938	---	---	20
21	---	---	0.0778	4.28	5.13	1.25 E	0.518	0.088	0.1838	0.192	---	---	21
22	---	---	0.0638	4.46 E	5.07	1.31 E	0.486	0.330	0.192	0.192	---	---	22
23	---	---	0.0908	4.68	4.72 E	1.37 E	0.351	0.256	0.205	0.177	---	---	23
24	---	---	0.0988	4.50	4.37	1.43	0.2838	0.212	0.192	0.170	---	---	24
25	---	---	0.1038	3.37	4.31	1.16	0.348	0.1958	0.213	0.182	---	---	25
26	---	---	0.1118	1.31	4.11 E	0.867	0.331	0.1788	0.228	0.1628	---	---	26
27	---	---	0.1188	3.31 E	5.00 E	0.988	0.287	0.181	0.2248	0.161	---	---	27
28	---	0B	0.1328	3.32 E	5.76	0.933	0.282	0.180	0.220	0.1868	---	---	28
29	---		0.1888	4.32	6.04	0.8368	0.271	0.150	0.220	0.1698	---	---	29
30	---		0.1888	3.48	3.86 E	0.737	0.3568	0.180	0.3138	0.1708	---	---	30
31	---		0.2308		0.118		0.248	0.180		0.1888		---	31
TOTAL	---	---	1.887	43.008	116.387	44.052	14.795	5.432	4.883	6.068	---	---	TOTAL
MEAN	---	---	0.080	1.43	3.76	1.09	0.477	0.175	0.188	0.195	---	---	MEAN
MAX	---	---	0.230	4.68	6.37	2.83	0.741	0.330	0.228	0.350	---	---	MAX
MIN	---	---	0	0.017	0.118	0.117	0.248	0.088	0.042	0.159	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.885
MAXIMUM DAILY, 6.37 ON MAY 24
MINIMUM DAILY, 00 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 45 18 N
LONG 110 38 00 W
DRAINAGE AREA, 3 150 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 280
FEB	---	AUG	469
MAR	135	SEP	506
APR	3 720	OCT	533
MAY	10 600	NOV	---
JUN	3 850	DEC	---

TOTAL DISCHARGE, 30 400 dam³

RIDSTONE CREEK TRIBUTARY NEAR CORONATION - STATION NO. 05FD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.3958	0.014	0.014	0	0	0	0	0	---	1
2	---	---	0 B	1.63 B	0.008	0.005	0	0	0	0	0B	---	2
3	---	---	0 B	1.77 B	0.007	0.002	0	0	0	0	0B	---	3
4	---	---	0 B	1.03 B	0.006	0.001	0	0	0	0	0B	---	4
5	---	---	0 B	0.889	0.005	0.006	0	0	0	0	0B	---	5
6	---	---	0 B	0.671	0.006	0.006	0	0	0	0	0B	---	6
7	---	---	0 B	0.536	0.007	0.004	0	0	0	0	---	---	7
8	---	---	0 B	0.550	0.004	0.003	0	0	0	0	---	---	8
9	---	---	0 B	0.635	0.005	0.003	0	0	0	0	---	---	9
10	---	---	0 B	0.548	0.008	0.002	0	0	0	0	---	---	10
11	---	---	0 B	0.382	0.001	0.002	0	0	0	0	---	---	11
12	---	---	0 B	0.040	0.002	0.003	0	0	0	0	---	---	12
13	---	---	0 B	0.024	0.008	0.004	0	0	0	0	---	---	13
14	---	---	0 B	0.005	0.013	0.004	0	0	0	0	---	---	14
15	---	---	0 B	0.001	0.005	0.005	0	0	0	0	---	---	15
16	---	---	0 B	0.071	0.005	0.004	0	0	0	0	---	---	16
17	---	---	0 B	0.006	0.009	0.003	0	0	0	0	---	---	17
18	---	---	0 B	0.078	0.011	0.002	0	0	0	0	---	---	18
19	---	---	0 B	0.078	0.008	0.001	0	0	0	0	---	---	19
20	---	---	0.0048 B	0.127	0.008	0	0	0	0	0	---	---	20
21	---	---	0.0088	0.086	0.011	0	0	0	0	0	---	---	21
22	---	---	0.0088	0.067	0.015	0	0	0	0	0	---	---	22
23	---	---	0.0108	0.137	0.014	0	0	0	0	0	---	---	23
24	---	---	0.0128	0.231	0.017	0	0	0	0	0	---	---	24
25	---	---	0.0148	0.307	0.021	0	0	0	0	0	---	---	25
26	---	0B	0.0188	0.343	0.022	0	0	0	0	0	---	---	26
27	---	0B	0.0218	0.071	0.021	0	0	0	0	0	---	---	27
28	---	0B	0.0258	0.033	0.021	0	0	0	0	0	---	---	28
29	---		0.0148	0.038	0.020	0	0	0	0	0	---	---	29
30	---		0.0148	0.030	0.020	0	0	0	0	0	---	---	30
31	---		0.0518		0.018		0	0		0		---	31
TOTAL	---	---	0.187	10.726	0.338	0.072	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.006	0.358	0.011	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	0.051	1.77	0.022	0.014	0	0	0	0	---	---	MAX
MIN	---	---	0	0.030	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.066
MAXIMUM DAILY, 1.770 B ON APR 3
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 10 47 N
LONG 111 14 15 W
DRAINAGE AREA, 87.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	17.0	SEP	0
APR	927	OCT	0
MAY	29.2	NOV	---
JUN	6.22	DEC	---

TOTAL DISCHARGE, 979 dam³

RICHARDSON LAKE AT THE OUTLET - STATION NO. 07DD003

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	29.737	29.246	29.583	29.207	---	---	1
2	---	---	---	---	---	---	29.705	29.240	29.482	29.187	---	---	2
3	---	---	---	---	---	29.810	29.822	29.248	29.467	29.200	---	---	3
4	---	---	---	---	---	29.704	29.645	29.207	29.350	29.187	---	---	4
5	---	---	---	---	---	29.703	29.604	29.170	29.309	29.182	---	---	5
6	---	---	---	---	---	29.705	29.578	29.178	29.268	29.168	---	---	6
7	---	---	---	---	---	29.705	29.605	29.171	29.167	29.165	---	---	7
8	---	---	---	---	---	29.777	29.691	29.226	29.083	29.095	---	---	8
9	---	---	---	---	---	29.736	29.630	29.201	29.091	---	---	---	9
10	---	---	---	---	---	29.705	29.706	29.332	29.019	---	---	---	10
11	---	---	---	---	---	29.674	29.772	29.378	28.937	---	---	---	11
12	---	---	---	---	---	29.661	29.742	29.490	28.843	---	---	---	12
13	---	---	---	---	---	29.641	29.700	29.585	28.872	---	---	---	13
14	---	---	---	---	---	29.626	29.668	29.650	28.834	---	---	---	14
15	---	---	---	---	---	29.601	29.641	29.743	28.813	---	---	---	15
16	---	---	---	---	---	29.607	29.606	29.778	28.931	---	---	---	16
17	---	---	---	---	---	29.565	29.533	29.633	29.014	---	---	---	17
18	---	---	---	---	---	29.496	29.536	29.618	28.901	---	---	---	18
19	---	---	---	---	---	29.470	29.497	30.001	28.833	---	---	---	19
20	---	---	---	---	---	29.471	29.486	30.088	28.861	---	---	---	20
21	---	---	---	---	---	29.463	29.431	30.063	28.387	---	---	---	21
22	---	---	---	---	---	29.467	29.436	29.987	29.415	---	---	---	22
23	---	---	---	---	---	29.482	29.377	29.967	29.389	---	---	---	23
24	---	---	---	---	---	29.513	29.336	30.018	29.388	---	---	---	24
25	---	---	---	---	---	29.487	29.332	30.037	29.329	---	---	---	25
26	---	---	---	---	---	29.481	29.306	29.991	29.369	---	---	---	26
27	---	---	---	---	---	29.436	29.290	29.636	29.310	---	---	---	27
28	---	---	---	---	---	29.474	29.273	29.785	29.254	---	---	---	28
29	---		---	---	---	29.510	29.252	29.745	29.230	---	---	---	29
30	---		---	---	---	29.532	29.267	29.744	29.213	---	---	---	30
31	---		---		---		29.281	29.866		---		---	31
MEAN	---	---	---	---	---	---	29.570	29.630	29.181	---	---	---	MEAN
MAX	---	---	---	---	---	---	29.670	30.088	29.583	---	---	---	MAX
MIN	---	---	---	---	---	---	29.252	29.170	28.813	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 23 05 N
LONG 110 58 30 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

NATURAL FLOW

DRAINAGE AREA,
1 950 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

RICHARDSON RIVER NEAR THE MOUTH - STATION NO. 07DD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.48	12.08	11.88	13.58	32.8	17.1	15.7	12.8	14.7	15.2	14.58	13.08	1
2	12.48	12.08	11.88	13.58	33.7	16.8	15.3	12.5	14.8	15.1	14.48	13.08	2
3	12.48	11.98	11.88	13.68	34.5	16.5	15.0	12.3	14.6	14.9	14.38	13.08	3
4	12.38	11.88	11.88	13.68	35.1	16.3	14.5	12.1	14.6	14.9	14.28	13.08	4
5	12.38	11.98	11.98	13.68	35.5	16.1	14.2	12.0	14.6	15.1	14.08	13.08	5
6	12.38	11.98	11.98	13.78	35.5	15.9	14.0	12.1	14.5	15.3	13.88	12.98	6
7	12.38	11.88	11.98	13.88	35.4	15.7	13.8	12.1	14.5	15.5	13.78	12.98	7
8	12.38	11.88	11.98	13.98	35.1	15.4	13.5	12.0	14.6	15.4	13.78	12.98	8
9	12.38	11.88	11.98	14.08	35.0	15.2	13.3	13.0	14.7	15.2	13.68	12.98	9
10	12.28	11.88	11.98	14.18	34.9	15.3	13.1	13.6	14.6	15.1	13.58	12.98	10
11	12.28	11.88	11.98	14.38	34.4	15.3	13.0	13.6	14.6	15.0	13.48	12.98	11
12	12.28	11.88	11.98	14.58	33.3	15.2	12.8	13.5	14.4	15.1	13.48	12.98	12
13	12.28	11.88	11.98	14.68	32.0	15.0	12.8	13.3	14.4	15.8	13.38	12.88	13
14	12.28	11.88	11.98	15.08	30.6	14.9	12.8	13.1	14.3	16.0	13.38	12.88	14
15	12.28	11.88	11.98	15.48	29.4	14.7	13.0	13.1	14.3	16.4	13.28	12.88	15
16	12.18	11.88	11.88	15.88	28.0	14.6	13.0	13.2	14.8	16.7	13.28	12.88	16
17	12.18	11.78	11.88	16.18	26.9	14.8	12.8	13.0	15.5	16.8	13.28	12.88	17
18	12.18	11.78	11.78	16.68	25.8	14.8	12.8	12.8	15.8	16.6	13.18	12.88	18
19	12.18	11.78	11.88	17.18	24.7	15.3	12.6	13.7	16.0	16.8	13.18	12.88	19
20	12.18	11.78	12.08	17.68	23.7	15.0	12.5	12.7	16.5	16.5	13.18	12.88	20
21	12.18	11.78	12.28	18.28	22.8	15.0	12.3	13.0	16.6	16.5	13.18	12.88	21
22	12.18	11.78	12.48	18.98	21.8	15.7	12.4	13.0	16.4	16.4	13.08	12.88	22
23	12.18	11.78	12.68	19.78	21.2	15.9	12.5	13.1	16.3	16.3	13.08	12.88	23
24	12.08	11.78	12.88	20.48	20.6	16.0	12.5	13.2	16.3	16.3	13.08	12.88	24
25	12.08	11.78	13.08	21.88	20.0	15.9	12.4	13.4	16.2	16.0	13.08	12.88	25
26	12.08	11.78	13.18	23.08	19.3	15.5	12.4	13.5	16.0	15.5	13.08	12.88	26
27	12.08	11.68	13.28	24.6	18.8	15.4	12.4	13.8	15.8	15.2	13.08	12.88	27
28	12.08	11.68	13.38	27.1	18.4	15.8	12.4	14.1	15.6	14.7	13.08	12.88	28
29	12.08		13.48	29.4	18.1	16.1	12.5	14.5	15.5	14.68	13.08	12.98	29
30	12.08		13.58	31.3	17.8	15.9	12.6	14.7	15.4	14.68	13.08	12.98	30
31	12.08		13.58		17.6		12.5	14.7		14.58		12.98	31
TOTAL	377.0	330.0	374.8	535.9	852.4	466.8	407.5	407.4	456.6	482.6	402.1	398.8	TOTAL
MEAN	12.2	11.8	12.1	17.6	27.5	15.6	13.1	13.1	15.2	15.6	13.4	12.9	MEAN
MAX	12.4	12.0	13.6	31.3	35.5	17.1	15.7	14.7	16.8	16.8	14.5	13.0	MAX
MIN	12.0	11.6	11.6	13.5	17.6	14.8	12.3	12.0	14.3	14.6	13.0	12.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.0
MAXIMUM DAILY, 35.5 ON MAY 5
MINIMUM DAILY, 11.68 ON MAR 8
MAXIMUM INSTANTANEOUS,
35.7 AT 23:42 MST ON MAY 5

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 58 21 48 N
LONG 111 14 14 W
DRAINAGE AREA, 3 700 km²

8 - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	32 600	JUL	35 200
FEB	28 500	AUG	35 200
MAR	32 400	SEP	39 500
APR	46 700	OCT	41 600
MAY	73 600	NOV	34 700
JUN	40 500	DEC	34 500

TOTAL DISCHARGE, 474 000 dam³

RIVIERE DES ROCHERS ABOVE REVILLON COUPE - STATION NO. 07RA003

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.386	---	---	---	---	208.276	208.019	208.986	208.698	208.804	208.258	208.417	1
2	208.376	---	---	---	---	208.333	208.053	208.986	208.683	208.811	208.255	208.421	2
3	208.352	---	---	---	---	208.177	208.077	208.980	208.745	208.682	208.247	208.429	3
4	208.386	---	---	---	---	208.149	208.116	208.008	208.735	208.658	208.234	208.440	4
5	208.383	---	---	---	---	208.182	208.189	208.814	208.787	208.618	208.258	208.444	5
6	208.360	---	---	---	---	208.235	208.014	208.984	208.693	208.633	208.228	208.436	6
7	208.330	---	---	---	---	208.229	208.031	208.964	208.708	208.611	208.226	208.426	7
8	208.336	---	---	---	---	208.187	208.068	208.974	208.693	208.585	208.230	208.409	8
9	208.348	---	---	---	---	208.185	208.090	208.818	208.726	208.625	208.226	208.403	9
10	208.340	---	---	---	---	208.144	208.081	208.812	208.885	208.573	208.203	208.417	10
11	208.333	---	---	---	---	208.185	208.151	208.820	208.718	208.675	208.203	208.387	11
12	208.333	---	---	---	---	208.149	208.113	208.815	208.745	208.680	208.240	208.388	12
13	208.318	---	---	---	---	208.183	208.068	208.788	208.788	208.611	208.281	208.385	13
14	208.341	---	---	---	---	208.147	208.078	208.884	208.721	208.619	208.333	208.377	14
15	208.383	---	---	---	---	208.201	208.088	208.842	208.884	208.627	208.337	208.372	15
16	208.351	---	---	---	---	208.134	208.021	208.881	208.889	208.729	208.277	208.386	16
17	---	---	---	---	---	208.159	208.090	208.838	208.828	208.680	208.352	208.352	17
18	---	---	---	---	---	208.180	208.053	208.840	208.875	208.654	208.409	208.384	18
19	---	---	---	---	---	208.175	208.002	208.812	208.834	208.788	208.449	208.371	19
20	---	---	---	---	---	208.233	208.071	208.804	208.588	208.381	208.488	208.374	20
21	---	---	---	---	---	208.220	208.080	208.825	208.888	208.885	208.465	208.369	21
22	208.300	---	---	---	---	208.265	208.081	208.811	208.893	208.830	208.481	208.359	22
23	208.288	---	---	---	---	208.352	208.020	208.775	208.885	208.487	208.481	208.351	23
24	208.289	---	---	---	---	208.323	208.066	208.810	208.886	208.910	208.449	208.376	24
25	208.278	---	---	---	---	208.212	208.102	208.853	208.885	208.871	208.436	208.338	25
26	208.334	---	---	---	---	208.188	208.100	208.736	208.783	208.427	208.423	208.325	26
27	208.231	---	---	---	---	208.144	208.023	208.738	208.834	208.296	208.417	208.329	27
28	---	---	---	---	---	208.143	208.006	208.787	208.837	208.312	208.406	208.317	28
29	---		---	---	---	208.182	208.007	208.823	208.888	208.227	208.415	208.380	29
30	---		---	---	---	208.133	208.011	208.889	208.882	208.278	208.410	208.330	30
31	---		---		---		208.002	208.783		208.252		208.335	31
MEAN	---	---	---	---	---	208.188	208.081	208.858	208.888	208.550	208.335	208.378	MEAN
MAX	---	---	---	---	---	208.352	208.189	208.980	208.787	208.818	208.485	208.444	MAX
MIN	---	---	---	---	---	208.134	208.002	208.738	208.838	208.227	208.203	208.317	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 208.352 ON JUN 23

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 58 50 30 N
LONG 111 15 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

RIVIERE DES ROCHERS ABOVE SLAVE RIVER - STATION NO. 07NA001

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	208.746	207.280	208.437	208.446	207.948	---	208.887	207.875	208.847	207.750	1
2	---	---	208.708	207.247	---	208.457	208.022	---	208.948	207.820	208.819	207.781	2
3	207.832	---	208.699	207.226	---	208.323	208.095	---	208.978	207.984	208.858	207.823	3
4	207.680	---	208.684	207.225	---	208.201	208.163	---	208.830	207.984	208.941	207.887	4
5	207.467	208.289	208.671	207.220	---	208.171	208.187	---	207.010	207.970	207.982	207.868	5
6	207.436	208.284	208.653	207.204	---	208.210	208.052	---	208.981	207.974	207.103	207.874	6
7	207.419	208.333	208.637	207.197	209.038	208.216	207.961	---	208.943	207.904	207.971	207.857	7
8	207.424	---	208.612	207.226	209.178	208.211	207.944	---	208.911	207.939	207.118	207.873	8
9	207.439	---	208.592	207.247	209.181	208.208	207.948	---	208.884	207.971	207.025	207.868	9
10	207.449	---	208.586	207.292	208.719	208.253	207.906	---	208.819	207.970	206.775	207.913	10
11	207.456	---	208.606	207.333	208.508	208.284	207.889	---	208.811	207.984	206.758	207.897	11
12	207.490	---	208.633	207.383	208.395	208.315	207.922	---	208.836	207.987	206.988	207.880	12
13	207.545	---	208.691	207.433	208.408	208.338	207.974	208.450	208.892	207.981	207.129	207.885	13
14	207.623	---	208.757	207.486	208.412	208.282	207.935	208.445	208.910	207.958	207.284	207.838	14
15	207.681	---	208.829	207.514	208.348	208.232	207.977	208.437	208.885	207.237	207.347	207.830	15
16	207.729	---	208.869	207.508	208.328	208.080	207.988	208.435	208.916	207.258	207.434	207.841	16
17	207.748	---	208.881	207.700	208.315	207.902	207.971	208.472	208.874	207.181	207.752	207.885	17
18	207.723	---	208.886	207.801	208.238	207.813	207.988	208.486	208.881	207.088	207.871	207.874	18
19	207.673	---	208.892	207.804	208.255	207.819	207.901	208.491	208.920	207.188	208.081	207.890	19
20	207.603	---	208.944	208.041	208.224	207.880	207.982	208.481	208.921	207.113	208.103	207.909	20
21	207.506	---	208.982	208.155	208.242	207.940	207.942	208.488	207.139	207.184	208.128	207.904	21
22	207.393	---	207.044	208.247	208.238	208.013	207.957	208.485	207.407	207.215	208.081	207.902	22
23	207.274	---	207.107	208.326	208.114	208.054	207.939	208.483	207.681	207.190	208.008	207.895	23
24	207.161	---	207.148	208.383	208.141	208.023	207.953	208.570	207.882	207.183	207.907	207.906	24
25	207.074	---	207.188	208.417	208.193	207.942	207.981	208.735	207.896	207.198	207.817	207.892	25
26	206.958	208.612	207.210	208.441	208.244	207.950	207.983	208.771	207.788	207.143	207.744	207.878	26
27	206.865	208.671	207.260	208.452	208.288	207.978	207.981	208.788	207.711	207.077	207.723	207.877	27
28	206.760	208.807	207.292	208.440	208.344	208.010	---	208.889	207.692	207.020	207.705	207.878	28
29	206.659		207.315	208.431	208.437	208.003	---	208.936	207.688	206.887	207.707	207.906	29
30	---		207.312	208.418	208.484	207.971	---	207.027	207.708	206.938	207.718	207.910	30
31	---		207.301		208.495		---	207.044		206.930		207.922	31
MEAN	---	---	208.894	207.741	---	208.115	---	---	207.185	207.267	207.432	207.873	MEAN
MAX	---	---	207.316	208.452	---	208.457	---	---	207.788	207.875	208.128	207.922	MAX
MIN	---	---	208.586	207.197	---	207.813	---	---	206.811	206.887	206.758	207.750	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 59 30 N
LONG 111 24 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

RIVIERE DES ROCHERS EAST OF LITTLE RAPIDS - STATION NO. 07NA007

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	207.950	207.950	208.574	209.240	208.024	208.942	208.676	208.612	---	208.378	1
2	---	---	207.942	207.937	208.576	209.301	208.047	208.974	208.681	208.616	---	208.384	2
3	208.332	---	207.966	207.924	---	209.184	208.070	208.943	208.734	208.588	---	208.358	3
4	208.345	---	207.933	207.908	---	209.129	208.105	208.988	208.709	208.652	---	208.345	4
5	208.348	---	207.944	207.913	---	209.150	208.151	208.809	208.780	208.806	208.339	208.337	5
6	208.325	---	207.938	207.888	---	209.213	208.987	208.889	208.674	208.633	208.277	208.341	6
7	208.328	---	207.939	207.893	208.972	209.198	208.983	---	208.693	208.610	208.285	208.353	7
8	208.338	---	207.917	207.924	209.083	209.130	208.034	---	208.683	208.579	208.322	208.368	8
9	208.339	---	207.918	207.890	208.118	209.140	208.104	---	208.709	208.431	208.378	208.388	9
10	208.333	---	207.899	207.928	208.970	209.127	209.096	---	208.671	208.579	208.432	208.348	10
11	208.327	---	207.910	207.920	208.958	209.145	209.184	---	208.713	208.578	208.434	208.377	11
12	208.328	---	207.902	207.887	208.928	209.134	208.133	---	208.735	208.590	208.442	208.388	12
13	208.328	---	207.912	207.868	208.905	209.157	209.072	---	208.773	208.619	208.430	208.381	13
14	208.328	---	207.928	207.877	208.918	209.138	208.084	208.894	208.717	208.623	208.420	208.384	14
15	208.358	---	207.881	207.884	208.980	209.181	208.974	208.839	208.684	208.619	208.450	208.398	15
16	208.359	---	207.901	208.038	209.017	209.195	208.988	208.885	208.687	208.731	208.532	208.382	16
17	---	---	207.887	208.098	208.987	209.137	209.071	208.828	208.634	208.680	208.486	208.393	17
18	---	---	207.875	208.146	209.000	209.146	209.021	208.830	208.673	208.672	208.465	208.385	18
19	---	208.087	207.903	208.196	209.075	209.157	208.941	208.803	208.828	208.771	208.435	208.405	19
20	---	208.029	207.910	208.264	209.047	209.181	209.031	208.791	208.682	208.380	208.433	208.407	20
21	---	208.031	207.899	208.315	209.191	209.205	209.087	208.811	208.683	208.682	208.384	208.381	21
22	208.382	207.998	207.917	208.388	209.116	209.267	209.054	208.788	208.683	208.622	208.393	208.388	22
23	208.367	208.027	207.933	208.425	208.980	209.226	208.988	208.780	208.681	208.488	208.388	208.395	23
24	208.358	208.008	207.931	208.474	209.082	209.303	209.035	208.788	208.681	208.605	208.432	208.410	24
25	208.358	207.995	207.905	208.501	209.081	209.191	209.098	208.830	208.681	208.552	208.445	208.383	25
26	208.317	208.017	207.932	208.529	209.097	209.184	209.100	208.718	208.780	208.387	208.458	208.370	26
27	208.319	207.997	207.936	208.536	209.099	209.123	209.011	208.713	208.630	208.384	208.424	208.373	27
28	---	207.982	207.939	208.532	209.125	209.126	208.986	208.780	208.638	---	208.423	208.388	28
29	---		207.982	208.532	209.200	209.143	209.001	208.800	208.587	---	208.410	208.400	29
30	---		207.980	208.549	209.223	209.121	209.006	208.638	208.654	---	208.398	---	30
31	---		207.989		209.241		208.995	208.755		---		---	31
MEAN	---	---	207.924	208.169	---	209.175	208.945	---	208.675	---	---	---	MEAN
MAX	---	---	207.989	208.549	---	209.326	209.184	---	208.773	---	---	---	MAX
MIN	---	---	207.889	207.888	---	209.108	208.941	---	208.634	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MAXIMUM DAILY, 209.326 ON JUN 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 54 55 N
LONG 111 10 30 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

RIVIERE DES ROCHERS WEST OF LITTLE RAPIDS - STATION NO. 07NA004

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	208.318	208.919	208.038	208.774	---	---	---	---	1
2	---	---	---	---	208.318	208.923	208.088	208.815	---	---	---	207.815	2
3	207.848	---	208.485	207.223	---	208.380	208.188	208.843	---	---	---	207.834	3
4	---	---	---	207.170	---	208.284	208.288	208.818	---	---	---	207.878	4
5	---	208.343	208.845	207.128	---	208.243	208.288	208.888	---	---	207.118	207.903	5
6	---	---	---	207.123	---	208.228	208.178	208.884	---	---	---	207.908	6
7	---	---	---	---	208.848	208.298	208.111	208.882	---	---	---	207.907	7
8	---	---	---	207.147	208.137	208.277	208.188	208.880	---	---	---	207.906	8
9	---	---	---	207.177	208.111	208.268	208.185	208.839	---	---	---	207.913	9
10	---	---	---	207.282	---	208.308	208.200	208.848	---	---	---	207.938	10
11	207.488	---	---	207.248	---	208.332	208.178	208.811	---	---	---	207.934	11
12	---	---	---	207.278	---	208.288	208.088	208.888	208.818	---	---	207.917	12
13	---	---	---	207.334	---	208.371	207.934	208.888	208.885	---	---	207.908	13
14	---	---	---	207.387	208.488	208.331	207.827	208.873	208.888	---	---	207.888	14
15	---	---	---	207.434	208.418	208.358	207.883	208.888	208.852	---	---	207.857	15
16	---	---	---	207.478	208.428	208.137	207.882	208.888	207.888	---	---	207.888	16
17	---	---	---	207.578	208.428	207.921	207.837	208.878	208.843	---	---	207.888	17
18	---	---	---	207.678	208.372	207.888	207.858	208.888	208.857	---	208.088	207.918	18
19	---	208.881	---	207.784	208.388	207.882	207.878	208.888	207.821	---	---	207.928	19
20	---	---	208.833	207.884	208.372	207.889	207.881	208.883	207.843	---	---	207.843	20
21	---	---	---	208.885	208.387	207.885	207.811	208.889	207.311	---	---	207.838	21
22	207.418	---	---	208.882	208.388	208.888	207.878	208.882	207.882	---	208.181	207.835	22
23	---	---	---	208.183	208.268	208.118	207.488	208.881	207.721	207.188	---	207.928	23
24	---	---	---	208.227	208.277	208.181	207.488	208.888	207.843	---	---	207.938	24
25	---	---	---	208.288	208.328	208.833	207.478	208.838	207.838	---	---	207.838	25
26	---	208.887	---	208.288	208.358	208.835	207.481	208.882	208.818	---	---	207.988	26
27	---	---	---	208.385	208.483	208.847	207.378	208.858	208.183	---	---	207.988	27
28	---	---	---	208.388	208.481	208.888	207.137	208.834	208.288	---	---	207.988	28
29	---		207.189	208.382	208.518	208.877	208.873	208.885	208.218	---	---	207.938	29
30	---		---	208.288	208.585	208.865	208.838	---	208.178	---	---	207.931	30
31	---		---		208.588		208.808	---		---		207.928	31
MEAN	---	---	---	---	---	208.178	207.727	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	208.533	208.285	---	---	---	---	---	MAX
MIN	---	---	---	---	---	207.852	208.808	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 58 35 N
LONG 111 12 15 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

ROBERT CREEK NEAR ANIAC - STATION NO. 07CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0108	0.2598	0.884	0.795	0.158	0.018	0.048	0.078	0.0818	---	1
2	---	---	0.0088	0.2408	1.07 E	0.878	0.118	0.017	0.044	0.078	---	---	2
3	---	---	0.0088	0.2258	1.88 E	0.851	0.100	0.015	0.043	0.080	---	---	3
4	---	---	0.0088	0.1958	3.25 E	0.488	0.088	0.011	0.057	0.085	---	---	4
5	---	---	0.0078	0.1808	3.05 E	0.418	0.072	0.009	0.074	0.087	---	---	5
6	---	---	0.0078	0.1388	2.86 E	0.281	0.082	0.008	0.078	0.088	---	---	6
7	---	---	0.0078	0.0978	2.67 E	0.388	0.051	0.008	0.073	0.083	---	---	7
8	---	---	0.0078	0.0888	2.50 E	0.322	0.044	0.007	0.074	0.088	---	---	8
9	---	---	0.0078	0.1008	2.44 E	0.278	0.035	0.008	0.053	0.088	---	---	9
10	---	---	0.0088	0.1888	2.42 E	0.238	0.031	0.003	0.083	0.090	---	---	10
11	---	---	0.0088	0.1488	2.38 E	0.238	0.034	0.006	0.081	0.092	---	---	11
12	---	---	0.0108	0.1388	2.34 E	0.218	0.032	0.004	0.084	0.108	---	---	12
13	---	---	0.0088	0.1308	2.25 E	0.188	0.028	0.008	0.088	0.108	---	---	13
14	---	---	0.0108	0.1788	2.14 E	0.185	0.023	0.013	0.088	0.108	---	---	14
15	---	---	0.0088	0.2308	2.08 E	0.148	0.020	0.005	0.088	0.095	---	---	15
16	---	---	0.0078	0.2788	2.00 E	0.184	0.017	0.006	0.078	0.0888	---	---	16
17	---	---	0.0188	0.3488	1.87 E	0.182	0.013	0.011	0.081	0.0888	---	---	17
18	---	---	0.0288	0.3258	1.82 E	0.133	0.011	0.015	0.102	0.0888	---	---	18
19	---	---	0.0588	0.3408	1.85 E	0.118	0.012	0.014	0.102	0.0838	---	---	19
20	---	---	0.0888	0.3888	1.78 E	0.188	0.018	0.014	0.188	0.0888	---	---	20
21	---	---	0.1108	0.3888	1.88 E	0.188	0.018	0.018	0.188	0.0878	---	---	21
22	---	---	0.1188	0.3798	1.88 E	0.181	0.038	0.022	0.188	0.0878	---	---	22
23	---	---	0.1008	0.3888	1.82 E	0.148	0.048	0.023	0.074	0.0888	---	---	23
24	---	---	0.0988	0.388	1.42 E	0.168	0.063	0.031	0.071	0.0888	---	---	24
25	---	---	0.0888	0.418	1.23 E	0.432	0.031	0.038	0.073	0.0888	---	---	25
26	---	---	0.0888	0.488	1.23 E	0.638	0.042	0.038	0.088	0.0858	---	---	26
27	---	---	0.0988	0.887	0.988	0.385	0.048	0.032	0.091	0.0848	---	---	27
28	---	---	0.0888	0.8588	0.828	0.281	0.038	0.036	0.085	0.0848	---	---	28
29	---		0.0988	0.8488	0.751	0.206	0.028	0.040	0.082	0.0838	---	---	29
30	---		0.0888	0.875	0.888	0.188	0.022	0.048	0.078	0.0838	---	---	30
31	---		0.1388		0.724		0.011	0.042		0.0838		---	31
TOTAL	---	---	1.371	9.278	54.888	8.843	7.381	0.588	2.237	2.755	---	---	TOTAL
MEAN	---	---	0.044	0.388	1.77	0.388	0.843	0.018	0.078	0.088	---	---	MEAN
MAX	---	---	0.128	0.848	3.85	0.788	0.158	0.843	0.188	0.188	---	---	MAX
MIN	---	---	0.887	0.888	0.888	0.118	0.811	0.883	0.844	0.878	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND
MEAN, 0.332
MAXIMUM DAILY, 3.082 ON MAY 5
MINIMUM DAILY, 0.883 ON AUG 10
MAXIMUM INSTANTANEOUS,
3.198 AT 18:87 MST ON MAY 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 30 00 N
LONG 110 58 00 W
DRAINAGE AREA, 84.1 km²

B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	112
FEB	---	AUG	48.0
MAR	118	SEP	193
APR	801	OCT	238
MAY	4 750	NOV	---
JUN	764	DEC	---

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM LOGARITHMIC STAGE - DISCHARGE CURVE EXTENSION

TOTAL DISCHARGE, 7 020 dam³

ROCKY CREEK NEAR VALLEYVIEW - STATION NO. 07EF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0108	0.088	0.010	0.003	0.003	0.006	0.060	---	---	1
2	---	---	---	0.0178	0.084	0.006	0.002	0.004	0.006	0.059	---	---	2
3	---	---	---	0.0238	0.084	0.005	0.002	0.005	0.005	0.058	---	---	3
4	---	---	0.0018	0.0268	0.092	0.005	0.002	0.007	0.005	0.058	---	---	4
5	---	---	---	0.0328	0.100	0.004	0.002	0.005	0.010	0.056	---	---	5
6	---	---	---	0.0488	0.088	0.004	0.002	0.004	0.009	0.054	---	---	6
7	---	---	---	0.0548	0.076	0.002	0.001	0.005	0.008	0.052	---	---	7
8	---	---	---	0.1188	0.068	0.002	0.001	0.004	0.008	0.052	---	---	8
9	---	---	---	0.3098	0.063	0.002	0.001	0.004	0.008	0.053	---	---	9
10	---	---	---	0.7008	0.056	0.002	0.001	0.005	0.008	0.052	---	---	10
11	---	---	0.0038	0.656	0.050	0.002	0.001	0.043	0.007	0.051	---	---	11
12	---	---	---	0.863	0.044	0.002	0.001	0.004	0.010	0.049	0.0308	---	12
13	---	---	---	0.994	0.032	0.002	0.001	0.005	0.016	0.052	---	---	13
14	---	---	---	0.883	0.032	0.002	0.001	0.007	0.013	0.056	---	---	14
15	---	---	---	0.558	0.032	0.003	0.001	0.007	0.012	0.057	---	---	15
16	---	---	---	0.386	0.032	0.003	0.001	0.008	0.015	0.060	---	---	16
17	---	---	---	0.315	0.030	0.002	0.001	0.008	0.013	0.058	---	---	17
18	---	---	0.0028	0.291	0.028	0.002	0.001	0.008	0.016	0.057	0.0108	---	18
19	---	---	---	0.238	0.026	0.002	0.001	0.008	0.016	0.057	---	---	19
20	---	---	---	0.210	0.024	0.002	0.001	0.008	0.020	0.056	---	---	20
21	---	---	0.0048	0.178	0.022	0.002	0.001	0.008	0.028	0.056	---	---	21
22	---	---	0.0048	0.139	0.023	0.002	0.001	0.008	0.050	0.056	---	---	22
23	---	---	0.0048	0.132	0.022	0.003	0.001	0.007	0.054	0.056	---	---	23
24	---	---	0.0048	0.121	0.024	0.004	0.001	0.008	0.055	0.054	---	---	24
25	---	---	0.0048	0.138	0.032	0.002	0.001	0.008	0.055	0.053	0.0038	---	25
26	---	---	0.0048	0.201	0.031	0.003	0.001	0.007	0.052	0.052	---	---	26
27	---	---	0.0048	0.183	0.032	0.003	0.001	0.007	0.050	0.051	---	---	27
28	---	---	0.0048	0.169	0.028	0.003	0.001	0.007	0.057	0.049	---	---	28
29	---		0.0048	0.117	0.023	0.003	0.003	0.007	0.057	0.049	---	---	29
30	---		0.0058	0.105	0.019	0.003	0.003	0.007	0.059	0.048	---	---	30
31	---		0.0038		0.018		0.003	0.006		0.048		---	31
TOTAL	---	---	---	7.939	1.427	0.089	0.044	0.257	0.259	1.673	---	---	TOTAL
MEAN	---	---	---	0.256	0.046	0.003	0.001	0.010	0.025	0.054	---	---	MEAN
MAX	---	---	---	0.994	0.100	0.010	0.003	0.008	0.052	0.060	---	---	MAX
MIN	---	---	---	0.010	0.018	0.002	0.001	0.003	0.005	0.048	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.057
MAXIMUM DAILY, 0.994 ON APR 13
MINIMUM DAILY, 0.001 ON JUL 1
MAXIMUM INSTANTANEOUS,
1.13 AT 23:17 MST ON APR 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 54 05 N
LONG 117 45 35 W

DRAINAGE AREA, 18.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3.80
FEB	---	AUG	35.7
MAR	---	SEP	85.8
APR	690	OCT	145
MAY	133	NOV	---
JUN	7.89	DEC	---

TOTAL DISCHARGE, 1 050 dam³

ROLLING HILLS CANAL NO. 1 SPILL - STATION NO 05BN015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	1.12	3.09	0.893	0.034	0.155	0	---	1
2	---	---	---	---	0	1.02	1.65	0.614	0.021	0.070	0	---	2
3	---	---	---	---	0	0.806	1.16	1.31	0.012	0.454	0	---	3
4	---	---	---	---	0	0.708	0.961	1.56	0.009	0.575	DA	---	4
5	---	---	---	---	0	0.656	0.871	1.89	0.009	0.077	---	---	5
6	---	---	---	---	0	0.776	0.961	2.19	0.008	0.017	---	---	6
7	---	---	---	---	0	0.728	0.288	1.19	0.007	0.011	---	---	7
8	---	---	---	---	0	0.760	0.480	0.812	0.007	0.008	---	---	8
9	---	---	---	---	0	0.674	0.360	0.415	0.007	0.006	---	---	9
10	---	---	---	---	0	0.687	0.188	0.739	0.008	0.006	---	---	10
11	---	---	---	---	0	0.597	0.332	1.19	0.007	0.006	---	---	11
12	---	---	---	---	0	0.827	0.163	0.404	0.013	0.005	---	---	12
13	---	---	---	---	0	0.878	0.469	0.134	0.016	0.007	---	---	13
14	---	---	---	---	0.843	0.836	1.27	0.498	0.020	0.006	---	---	14
15	---	---	---	---	1.31	1.17	1.49	0.887	0.022	0.007	---	---	15
16	---	---	---	---	DA	0.337	1.08	1.99	0.721	0.018	0.008	---	16
17	---	---	---	---	0	0.501	1.26	1.91	0.884	0.012	0.008	---	17
18	---	---	---	---	0	0.488	0.587	1.36	0.853	0.008	0.007	---	18
19	---	---	---	---	0	0.348	0.487	1.12	1.24	0.007	0.006	---	19
20	---	---	---	---	0	0.324	0.477	1.02	0.843	0.006	0.004	---	20
21	---	---	---	---	0	1.36	0.273	1.07	0.788	0.005	0.004	---	21
22	---	---	---	---	0	1.43	0.954	0.938	0.788	0.241	0.001	---	22
23	---	---	---	---	0	0.738	1.37	0.459	0.852	1.08	0	---	23
24	---	---	---	---	0	0.347	1.32	0.322	0.858	0.784	0	---	24
25	---	---	---	---	0	0.713	1.01	1.23	1.00	0.237	0	---	25
26	---	---	---	---	0	0.837	0.882	0.887	0.931	0.223	0	---	26
27	---	---	---	---	0	3.35	0.705	1.13	0.888	0.084	0	---	27
28	---	---	---	---	0	1.78	1.48	1.30	0.388	0.084	0	---	28
29	---		---	---	0	1.05	1.61	1.35	0.353	0.788	0	---	29
30	---		---	---	0	1.17	1.88	1.38	0.137	1.40	0	---	30
31	---		---			1.11		1.31	0.050	0.496	0	---	31
TOTAL	---	---	---	---	---	17.053	25.018	30.066	25.412	8.451	1.552	---	TOTAL
MEAN	---	---	---	---	---	0.550	0.884	0.970	0.882	0.183	0.050	---	MEAN
MAX	---	---	---	---	---	3.35	1.88	2.08	2.19	1.40	0.575	---	MAX
MIN	---	---	---	---	---	0	0.273	0.163	0.050	0.005	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.670
MAXIMUM DAILY, 3.35 00 MAY 27
MINIMUM DAILY, 0 00 MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 10 00 N
LONG 111 03 00 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 680
FEB	---	AUG	2 280
MAR	---	SEP	671
APR	---	OCT	134
MAY	1 670	NOV	---
JUN	2 340	DEC	---

TOTAL DISCHARGE, 9 300 dam³

ROLLING HILLS CANAL NO. 2 SPILL - STATION NO. 05BN019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.247	0.844	0.330	0.017	0.031	0	---	1
2	---	---	---	---	0	0.241	0.584	0.352	0.006	0.057	0	---	2
3	---	---	---	---	0	0.322	0.461	0.357	0.002	0.057	0	---	3
4	---	---	---	---	0	0.213	0.338	0.431	0	0.282	0A	---	4
5	---	---	---	---	0	0.304	0.343	0.554	0	0.226	---	---	5
6	---	---	---	---	0	0.309	0.224	0.495	0	0.043	---	---	6
7	---	---	---	---	0	0.339	0.329	0.428	0	0.037	---	---	7
8	---	---	---	---	0	0.387	0.401	0.382	0	0.031	---	---	8
9	---	---	---	---	0	0.340	0.340	0.371	0	0.027	---	---	9
10	---	---	---	---	0	0.376	0.241	0.582	0	0.023	---	---	10
11	---	---	---	---	0	0.382	0.267	0.778	0	0.021	---	---	11
12	---	---	---	---	0	0.347	0.311	0.817	0.001	0.017	---	---	12
13	---	---	---	---	0	0.358	0.225	0.524	0.007	0.014	---	---	13
14	---	---	---	---	0	0.615	0.240	0.502	0.003	0.011	---	---	14
15	---	---	---	---	0	0.762	0.236	0.393	0	0.009	---	---	15
16	---	---	---	0A	0	0.672	0.119	0.152	0	0.010	---	---	16
17	---	---	---	0	0	0.623	0.108	0.128	0	0.012	---	---	17
18	---	---	---	0	0	0.398	0.121	0.131	0	0.009	---	---	18
19	---	---	---	0	0	0.489	0.141	0.154	0	0.007	---	---	19
20	---	---	---	0	0	0.241	0.234	0.232	0	0.005	---	---	20
21	---	---	---	0	0.105	0.197	0.318	0.204	0	0.004	---	---	21
22	---	---	---	0	0.385	0.357	0.338	0.196	0	0.003	---	---	22
23	---	---	---	0	0.322	0.404	0.298	0.220	0.008	0.002	---	---	23
24	---	---	---	0	0.124	0.471	0.389	0.244	0.432	0.002	---	---	24
25	---	---	---	0	0.540	0.408	0.462	0.235	0.146	0.002	---	---	25
26	---	---	---	0	0.751	0.371	0.490	0.258	0.119	0.004	---	---	26
27	---	---	---	0	0.758	0.384	0.537	0.284	0.101	0.001	---	---	27
28	---	---	---	0	0.285	0.513	0.539	0.186	0.094	0	---	---	28
29	---		---	0	0.230	0.634	0.532	0.112	0.088	0	---	---	29
30	---		---	0	0.300	0.703	0.484	0.126	0.046	0	---	---	30
31	---		---		0.321		0.360	0.047		0		---	31
TOTAL	---	---	---	---	4.119	12.384	10.664	10.182	1.071	0.927	---	---	TOTAL
MEAN	---	---	---	---	0.133	0.413	0.344	0.328	0.036	0.030	---	---	MEAN
MAX	---	---	---	---	0.758	0.762	0.634	0.817	0.432	0.282	---	---	MAX
MIN	---	---	---	---	0	0.197	0.108	0.047	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.214
MAXIMUM DAILY, 0.817 ON AUG 12
MINIMUM DAILY, 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 59 N
LONG 111 41 04 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	921
FEB	---	AUG	880
MAR	---	SEP	92.5
APR	---	OCT	80.1
MAY	356	NOV	---
JUN	1 070	DEC	---

TOTAL DISCHARGE, 3 400 dam³

ROLPH CREEK NEAR KIMBALL - STATION NO. 05AE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.203	0.217	0.483	0.078	0	0.085	0.218	---	---	1
2	---	---	0 B	0.794	0.197	0.440	0.077	0	0.092	0.215	---	---	2
3	---	---	0 B	0.326	0.187	0.388	0.087	0	0.089	0.220	---	---	3
4	---	---	0 B	0.213	0.144	0.315	0.066	0	0.113	0.205	---	---	4
5	---	---	0 B	0.153	0.115	0.270	0.055	0	0.124	0.203	---	---	5
6	---	---	0 B	0.105	0.089	0.230	0.055	0	0.135	0.213	---	---	6
7	---	---	0 B	0.090	0.087	0.196	0.048	0	0.126	0.204	---	---	7
8	---	---	0 B	0.150E	0.100	0.168	0.058	0	0.132	0.178	---	---	8
9	---	---	0 B	0.238A	0.095	0.139	0.043	0	0.135	0.144	---	---	9
10	---	---	0 B	0.358	0.093	0.124	0.043	0	0.146	0.163	---	---	10
11	---	---	0 B	0.405	0.089	0.117	0.062	0	0.220	0.148	---	---	11
12	---	---	0 B	0.381	0.088	0.107	0.066	0	0.445	0.143	---	---	12
13	---	---	0 B	0.333	0.080	0.094	0.061	0	0.505	0.180	---	---	13
14	---	---	0 B	0.278	0.082	0.079	0.033	0	0.467	0.164	---	---	14
15	---	---	0 B	0.259	0.089	0.069	0.028	0	0.343	0.154	---	---	15
16	---	---	0.1008	0.252	0.092	0.058	0.027	0	0.298	0.149	---	---	16
17	---	---	0.2508	0.231	0.084	0.059	0.018	0	0.276	0.141	---	---	17
18	---	---	0.5008	0.208	0.083	0.064	0.016	0	0.260	0.143	---	---	18
19	---	---	1.45 B	0.200	0.074	0.085	0.008	0	0.249	0.144	---	---	19
20	---	---	1.83 B	0.187	0.077	0.068	0	0	0.243	0.135	---	---	20
21	---	---	1.45 B	0.183	0.078	0.082	0	0.007	0.234	0.128	---	---	21
22	---	---	0.4478	0.110	0.080	0.064	0	0.008	0.221	0.139	---	---	22
23	---	---	0.2778	0.101	0.081	0.062	0	0.023	0.227	0.143	---	---	23
24	---	---	0.1288	0.144	0.083	0.067	0	0.037	0.238	0.131	---	---	24
25	---	---	0.1078	0.142	0.127	0.080	0	0.043	0.219	0.131	---	---	25
26	---	---	0.2388	0.159	0.135	0.108	0	0.044	0.218	0.133	---	---	26
27	---	---	0.3808	0.151	0.143	0.090	0	0.041	0.218	0.115	---	---	27
28	---	0B	0.1708	0.151	0.148	0.087	0	0.037	0.208	0.110	---	---	28
29	---		0.0838	0.202	0.237	0.094	0	0.060	0.204	0.105A	---	---	29
30	---		0.0868	0.235	0.501	0.076	0	0.053	0.207	0.100E	---	---	30
31	---		0.0798		0.428		0	0.087		0.095E		---	31
TOTAL	---	---	7.941	5.989	4.295	4.417	0.933	0.440	5.681	4.788	---	---	TOTAL
MEAN	---	---	0.243	0.233	0.138	0.147	0.030	0.014	0.233	0.154	---	---	MEAN
MAX	---	---	1.83	0.794	0.501	0.483	0.087	0.087	0.505	0.220	---	---	MAX
MIN	---	---	0	0.089	0.074	0.058	0	0	0.085	0.095	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.147
MAXIMUM DAILY, 1.83B ON MAR 20
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.72B AT 02:15 MST ON MAR 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 30 N
LONG 113 09 30 W
DRAINAGE AREA, 221 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	80.8
FEB	---	AUG	38.0
MAR	852	SEP	577
APR	803	OCT	414
MAY	383	NOV	---
JUN	383	DEC	---

TOTAL DISCHARGE, 3 110 dam³

ROMEO CREEK ABOVE ROMEO LAKE - STATION NO 07DB903

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1 12	0.364	0.186	0.514	0	0	0	---	---	1
2	---	---	0 B	1 68	0.254	0.123	0.276	0	0	0	---	---	2
3	---	---	0 B	2 72	0.205	0.074	0.125	0	0	0	---	---	3
4	---	---	0 B	2 73	0.181	0.051	0.085	0	0	0	---	---	4
5	---	---	0 B	2 06	0.160	0.040	0.005	0	0.038	0	---	---	5
6	---	---	0 B	1 77	0.237	0.031	0	0	0	0	---	---	6
7	---	---	0 B	1 54	0.302	0.027	0	0	0	0	---	---	7
8	---	---	0 B	1 40	0.187	0.021	0	0	0	0	---	---	8
9	---	---	0 B	1 39	0.135	0.015	0	0	0	0	---	---	9
10	---	---	0 B	1 44	0.108	0.015	0	0	0	0	---	---	10
11	---	---	0 B	1 35	0.097	0.015	0	0	0	0	---	---	11
12	---	---	0 B	1 16	0.084	0.009	0	0	0	0	---	---	12
13	---	---	0.0638	1 00	0.178	0.006	0	0	0	0	---	---	13
14	---	---	0 1358	0.871	0.128	0.000	0	0	0	0	---	---	14
15	---	---	0 3508	0.728	0.112	0.004	0	0	0	0	---	---	15
16	---	---	0 5448	0.571	0.101	0	0	0	0	0	---	---	16
17	---	---	0 7198	0.517	0.082	0	0	0	0	0	---	---	17
18	---	---	1 14 B	0.483	0.082	0	0	0	0	0	---	---	18
19	---	---	2 06 B	0.477	0.052	0	0	0	0	0	---	---	19
20	---	---	2 51 B	0.446	0.043	0.037	0	0	0	0	---	---	20
21	---	---	2 42 B	0.526	0.035	0.034	0	0	0	0	---	---	21
22	---	---	1 61 B	0.582	0.024	0	0	0	0	0	---	---	22
23	---	---	1 30 B	0.587	0.017	0.121	0	0	0	0	---	---	23
24	---	---	1 33 B	0.741	0.014	0.600	0	0	0	0	---	---	24
25	---	---	1 39 B	0.935	0.014	3 41	0	0	0	0	---	---	25
26	---	---	1 39 B	0.909	0.014	3 83	0	0	0	0	---	---	26
27	---	---	1 23 B	0.786	0.012	2 29	0	0	0	0	---	---	27
28	---	---	0 8878	0.693	0.015	1 62	0	0	0	0	---	---	28
29	---	---	0 7018	0.590	0.178	1 51	0	0	0	0	---	---	29
30	---	---	0 6988	0.491	0.394	0.987	0	0	0	0	---	---	30
31	---	---	0 6378		0.218		0	0		0		---	31
TOTAL	---	---	31 512	32 494	3 891	15 021	0 975	0	0 038	0	---	---	TOTAL
MEAN	---	---	0 884	1 06	0 126	0 501	0 031	0	0 001	0	---	---	MEAN
MAX	---	---	2 51	2 73	0 394	3 83	0 514	0	0 038	0	---	---	MAX
MIN	---	---	0	0 446	0 012	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 265
MAXIMUM DAILY, 3 83 ON JUN 26
MINIMUM DAILY, 0 ON JUN 15
MAXIMUM INSTANTANEOUS,
4 48 AT 23 44 MST ON JUN 25

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 04 30 N
LONG 114 54 05 W
DRAINAGE AREA, 114 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	84 3
FEB	---	AUG	0
MAR	1 880	SEP	3 28
APR	3 810	OCT	0
MAY	336	NOV	---
JUN	1 300	DEC	---

TOTAL DISCHARGE, 4 530 dam³

RONALANE WASTEWAY NEAR HAYS - STATION NO 05BN007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.490	0.438	0.309	0.083	0.208	0.100	---	1
2	---	---	---	---	0	0.497	0.327	0.304	0.182	0.184	0.101	---	2
3	---	---	---	---	0	0.406	0.303	0.432	0.330	0.169	0.084	---	3
4	---	---	---	---	0	0.353	0.344	0.300	0.170	0.108	0.071	---	4
5	---	---	---	---	0	0.338	0.451	0.216	0.209	0.104	0.063A	---	5
6	---	---	---	---	0	0.580	0.283	0.180	0.180	0.078	---	---	6
7	---	---	---	---	0	0.435	0.384	0.188	0.248	0.080	---	---	7
8	---	---	---	---	0	0.393	0.478	0.312	0.259	0.233	---	---	8
9	---	---	---	---	0	0.394	0.394	0.736	0.287	0.213	---	---	9
10	---	---	---	---	0	0.423	0.268	0.497	0.248	0.181	---	---	10
11	---	---	---	---	0	0.371	0.211	0.268	0.190	0.182	---	---	11
12	---	---	---	---	0	0.593	0.201	0.311	0.287	0.184	---	---	12
13	---	---	---	---	0	0.673	0.217	0.203	0.388	0.187	---	---	13
14	---	---	---	---	0	0.688	0.188	0.180	0.233	0.142	---	---	14
15	---	---	---	---	0	0.733	0.189	0.137	0.197	0.158	---	---	15
16	---	---	---	0.054A	0	0.728	0.172	0.149	0.204	0.172	---	---	16
17	---	---	---	0.003	0	0.602	0.178	0.178	0.193	0.167	---	---	17
18	---	---	---	0	0	0.782	0.207	0.241	0.210	0.134	---	---	18
19	---	---	---	0	0	0.805	0.158	0.418	0.221	0.185	---	---	19
20	---	---	---	0	0	0.488	0.191	0.257	0.232	0.158	---	---	20
21	---	---	---	0	0.283	0.507	0.310	0.285	0.232	0.145	---	---	21
22	---	---	---	0	1.05	0.470	0.438	0.248	0.182	0.154	---	---	22
23	---	---	---	0	1.53	0.308	0.181	0.285	0.172	0.144	---	---	23
24	---	---	---	0	1.15	0.577	0.138	0.188	0.188	0.128	---	---	24
25	---	---	---	0	0.916	0.305	0.213	0.148	0.178	0.189	---	---	25
26	---	---	---	0	1.01	0.851	0.133	0.133	0.300	0.182	---	---	26
27	---	---	---	0	0.906	0.480	0.103	0.138	0.188	0.183	---	---	27
28	---	---	---	0	0.878	0.436	0.401	0.188	0.188	0.187	---	---	28
29	---		---	0	0.617	0.885	0.500	0.167	0.321	0.118	---	---	29
30	---		---	0	0.485	0.856	0.211	0.168	0.288	0.136	---	---	30
31	---		---		0.413		0.182	0.088		0.087		---	31
TOTAL	---	---	---	---	9.036	18.083	8.373	8.010	8.487	4.833	---	---	TOTAL
MEAN	---	---	---	---	0.311	0.930	0.270	0.258	0.216	0.169	---	---	MEAN
MAX	---	---	---	---	1.05	0.873	0.500	0.736	0.388	0.333	---	---	MAX
MIN	---	---	---	---	0	0.283	0.103	0.088	0.083	0.080	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.388
MAXIMUM DAILY, 1.05 ON MAY 23
MINIMUM DAILY, 0 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 40 N
LONG 111 35 00 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	723
FEB	---	AUG	662
MAR	---	SEP	708
APR	---	OCT	490
MAY	833	NOV	---
JUN	1 370	DEC	---

TOTAL DISCHARGE, 4 580 dam³

ROSE CREEK NEAR ALDER FLATS - STATION NO 05DE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0888	0.5898	5.84	1.58	0.281	0.068	0.203	1.38	0.5468	---	1
2	---	---	0.0708	4.27 E	5.47	1.35	0.221	0.085	0.192	1.27	0.5358	---	2
3	---	---	0.0608	4.30 E	5.00	1.09	0.187	0.066	0.184	1.19	0.5098	---	3
4	---	---	0.0508	4.35 E	4.81	0.910	0.161	0.085	0.174	1.14	0.5008	---	4
5	---	---	0.0458	2.82 E	4.02	0.815	0.136	0.068	0.183	1.13	0.5588	---	5
6	---	---	0.0408	3.26 E	3.44	1.47	0.122	0.071	0.185	1.06	0.5808	---	6
7	---	---	0.0358	4.60 E	3.02	1.64	0.110	0.085	0.191	1.02	---	---	7
8	---	---	0.0308	4.58 E	2.74	1.27	0.102	0.107	0.202	0.980	---	---	8
9	---	---	0.0258	4.41 E	2.54	1.18	0.088	0.106	0.204	0.905	---	---	9
10	---	---	0.0208	4.85 E	3.46	1.11	0.075	0.088	0.201	0.862	---	---	10
11	---	---	0.0158	5.05 E	2.11	1.03	0.072	0.084	0.199	0.803	---	---	11
12	---	---	0.0108	5.25 E	1.87	0.823	0.069	0.094	0.802	0.753	---	---	12
13	---	---	0.0158	5.56 E	2.08	0.705	0.066	0.113	20 5	0.704	---	---	13
14	---	---	0.0258	7.53 E	2.36	0.650	0.069	0.185	15 7	0.835	---	---	14
15	---	---	0.0408	8.87	2.57	0.603	0.062	0.201	9.12	0.739	---	---	15
16	---	---	0.0608	5.86	2.81	0.639	0.059	0.547	6.48	1.18	---	---	16
17	---	---	0.0808	5.20	2.77	0.517	0.048	0.976	5.00	1.43	---	---	17
18	---	---	0.1108	4.83	2.81	0.842	0.048	0.838	4.05	1.38	---	---	18
19	---	---	0.1508	4.15	3.08	0.393	0.060	0.481	3.58	1.31	---	---	19
20	---	---	0.2488	3.80	3.35	0.329	0.087	0.355	3.38	1.07	---	---	20
21	---	---	0.4008	3.47	3.41	0.285	0.080	0.372	2.84	0.992	---	---	21
22	---	---	0.3388	3.19	3.57	0.248	0.080	0.847	2.59	0.937	---	---	22
23	---	---	0.5848	3.21	3.68	0.236	0.078	0.977	2.41	0.857	---	---	23
24	---	---	0.2958	4.87	3.83	0.330	0.092	0.751	2.30	0.763	---	---	24
25	---	---	0.1288	7.20	3.39	0.786	0.118	0.497	2.27	0.689	---	---	25
26	---	0.1008	0.0908	8.18	2.47	1.02	0.104	0.431	2.08	0.6148	---	---	26
27	---	0.0948	0.0708	8.10	2.12	0.779	0.088	0.349	2.04	0.580	---	---	27
28	---	0.1148	0.0508	7.76	2.30	0.479	0.085	0.284	1.94	0.578	---	---	28
29	---		0.0508	7.09	2.11	0.554	0.081	0.247	1.70	0.5828	---	---	29
30	---		0.0708	6.56	1.85	0.374	0.077	0.221	1.54	0.5988	---	---	30
31	---		0.0858		1.77		0.089	0.207		0.5588		---	31
TOTAL	---	---	3.385	153.106	95.35	24.488	2.975	9.397	93.380	28.570	---	---	TOTAL
MEAN	---	---	0.109	5.10	3.08	0.814	0.096	0.303	3.08	0.922	---	---	MEAN
MAX	---	---	0.584	8.18	5.84	1.58	0.291	0.977	20.5	1.43	---	---	MAX
MIN	---	---	0.010	0.589	1.77	0.236	0.059	0.085	0.174	0.554	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.67
MAXIMUM DAILY, 20.5 ON SEP 13
MINIMUM DAILY, 0.0108 ON MAR 12
MAXIMUM INSTANTANEOUS,
35.8 AT 17:05 MST ON SEP 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 48 N
LONG 115 00 36 W
DRAINAGE AREA, 551 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	257
FEB	---	AUG	812
MAR	292	SEP 7	980
APR 13	200	OCT 2	470
MAY 8	240	NOV	---
JUN 2	110	DEC	---

TOTAL DISCHARGE, 35 400 dam³

ROSEBUD RIVER AT REDLAND - STATION NO 05CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.18 B	1.25	3.96	2.21	2.90	2.58	2.40	0.3078	---	1
2	---	---	0 B	3.05 B	1.16	3.49	2.13	2.67	2.74	2.73	0.3028	---	2
3	---	---	0 B	3.09 B	0.984	3.63	2.16	2.43	2.67	2.61	0.3008	---	3
4	---	---	0 B	1.80 B	0.961	3.05	1.97	1.96	2.79	2.40	0.2978	---	4
5	---	---	0 B	2.07 B	0.788	2.86	1.80	1.86	2.67	2.28	---	---	5
6	---	---	0 B	1.15 B	0.780	2.38	1.25	2.03	2.67	2.21	---	---	6
7	---	---	0 B	0.7158	1.16	2.18	1.25	1.82	2.67	1.95	---	---	7
8	---	---	0.0208	1.07 B	1.05	2.18	1.45	1.73	2.72	1.85	---	---	8
9	---	---	0.1108	0.9848	1.18	1.89	1.25	1.54	2.88	1.62	---	---	9
10	---	---	0.1708	1.15 B	1.25	2.07	1.32	2.86	3.07	1.32	---	---	10
11	---	---	0.3718	1.01 B	1.25	2.18	0.982	3.19	3.15	1.22	---	---	11
12	---	---	0.5008	0.8718	1.81	1.88	0.780	3.38	3.13	1.13	---	---	12
13	---	---	0.7138	0.894	1.80	2.15	1.01	3.58	3.37	1.10	---	---	13
14	---	---	2.00 B	0.9182	1.70	2.15	0.847	4.03	4.22	0.906	---	---	14
15	---	---	5.51 B	0.941	1.86	1.88	1.30	4.03	8.83	0.760	---	---	15
16	---	---	11.2 B	0.888	1.86	1.78	1.85	3.59	9.86	0.812	---	---	16
17	---	---	10.6 B	1.00	1.51	1.87	1.53	3.73	13.8	0.740	---	---	17
18	---	---	33.8 B	0.894	1.88	1.84	2.06	3.73	10.0	0.730	---	---	18
19	---	---	20.6 B	0.780	1.39 E	1.82	2.61 E	3.87	7.08	0.730	---	---	19
20	---	---	16.4 B	0.8988	1.08	1.88	3.15	3.73	8.17	0.881	---	---	20
21	---	---	10.7 B	1.02	0.994	1.83	2.78	3.82	5.02	0.680	---	---	21
22	---	---	7.80 B	0.859	1.08	2.02	2.88	4.03	4.03	0.859	---	---	22
23	---	---	6.40 B	1.08	1.38	2.10	1.88	4.20	3.788	0.478	---	---	23
24	---	---	4.20 B	1.47	1.39	2.73	2.48	4.38	3.482	0.458	---	---	24
25	---	08	2.83	1.88 E	1.80 E	3.81	2.88	4.20	3.21	0.417	---	---	25
26	---	08	1.82 B	1.85	1.80	2.88	2.78	3.88	2.94	0.363	---	---	26
27	---	08	0.8258	1.90	2.24	2.95	3.13	3.13	2.70	0.458	---	---	27
28	---	08	2.02 B	2.13	2.40	2.37	3.07	3.88	2.89	0.363	---	---	28
29	---		2.81 B	1.88	2.88	2.07	3.14	2.78	2.89	0.363	---	---	29
30	---		3.18 B	1.48	3.30	2.18	2.98	2.87	2.88	0.363	---	---	30
31	---		3.72 B		3.97		2.95 E	2.87		0.363	---	---	31
TOTAL	---	---	144.788	38.510	67.838	71.48	83.378	88.80	131.78	34.652	---	---	TOTAL
MEAN	---	---	4.67	1.33	1.65	2.38	2.01	3.12	4.39	1.11	---	---	MEAN
MAX	---	---	33.8	3.18	3.97	3.88	3.15	4.38	13.8	2.73	---	---	MAX
MIN	---	---	0	0.715	0.788	1.63	0.788	1.86	2.58	0.363	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.67
MAXIMUM DAILY, 33.8 ON MAR 18
MINIMUM DAILY, 00 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 17 35 N
LONG 113 00 10 W
DRAINAGE AREA, 3 530 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 390
FEB	---	AUG	6 380
MAR 13	600	SEP 11	400
APR 3	450	OCT 3	990
MAY 4	140	NOV	---
JUN 8	170	DEC	---

TOTAL DISCHARGE, 54 400 dam³

ROSEBUD RIVER BELOW CARSTAIRS CREEK - STATION NO 05CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 141	0.051	0 016	0	0	0	0 058	0 047	---	1
2	---	---	0 B	0 109	0.080	0 030	0	0	0	0 058	0 045	---	2
3	---	---	0 B	0 091	0.089	0 017	0	0	0	0 059	0 046	---	3
4	---	---	0 B	0 058	0.058	0 014	0	0	0	0 056	0 045	---	4
5	---	---	0 B	0 124	0.044	0 012	0	0	0	0 041	0 043	---	5
6	---	---	0 B	0 124	0.028	0 012	0	0	0	0 032	0 040	---	6
7	---	---	0 B	0 127	0.020	0 009	0	0	0	0 030	0 038A	---	7
8	---	---	0 B	0 108	0.014	0 007	0	0	0	0 027	---	---	8
9	---	---	0 0018	0 098	0.015	0 005	0	0	0	0 025	---	---	9
10	---	---	0 0028	0 093	0.031	0.004	0	0	0	0 024	---	---	10
11	---	---	0 0038	0.079	0.024	0 003	0	0	0	0 024	---	---	11
12	---	---	0 0108	0.086	0.010	0	0	0	0 217	0 021	---	---	12
13	---	---	0 0208	0.088	0.011	0	0	0	1 31	0 017	---	---	13
14	---	---	0 0338	0.083	0.011	0 025	0	0	3 80	0 013	---	---	14
15	---	---	0 1028	0.081	0.008	0 020	0	0	1 52	0 017	---	---	15
16	---	---	0 1028	0.088	0.004	0.007	0	0	0 906	0 034	---	---	16
17	---	---	0 1148	0.087	0.003	0 003	0	0	0 559	0 049	---	---	17
18	---	---	0 1678	0 113	0.004	0 001	0	0	0 354	0 048	---	---	18
19	---	---	0 2058	0.091	0.004	0	0	0	0 350	0 048	---	---	19
20	---	---	1 98 B	0.087	0.004	0	0	0	0 287	0 035	---	---	20
21	---	---	1 83 B	0.077	0.003	0	0	0	0 191	0 030	---	---	21
22	---	---	0 8388	0.078	0.002	0	0	0	0 151	0 026	---	---	22
23	---	---	0 7488	0.070	0.001	0	0	0	0 131	0 020	---	---	23
24	---	---	0 6408	0.063	0.003	0	0	0	0 118	0 018	---	---	24
25	---	---	0 5708	0.063	0.008	0	0	0	0 105	0 020	---	---	25
26	---	---	0 4828	0.084	0.012	0	0	0	0 094	0 028	---	---	26
27	---	08	0 4938	0.075	0.013	0	0	0	0 080	0 038	---	---	27
28	---	08	0 2528	0.080	0.015	0	0	0	0 089	0 046	---	---	28
29	---		0 2668	0.085	0.018	0	0	0	0 082	0 048	---	---	29
30	---		0 2078	0.080	0.016	0	0	0	0 056	0 054	---	---	30
31	---		0 131		0.016		0	0		0 055		---	31
TOTAL	---	---	9 015	2 575	0.613	0 174	0	0	9.256	1 101	---	---	TOTAL
MEAN	---	---	0 291	0.086	0.020	0 006	0	0	0 309	0 036	---	---	MEAN
MAX	---	---	1 98	0 141	0.080	0 025	0	0	3 80	0.054	---	---	MAX
MIN	---	---	0	0 058	0.001	0	0	0	0	0 013	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 093
MAXIMUM DAILY, 3 80 ON SEP 14
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
6 01 AT 05:20 MST ON SEP 14

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 25 00 N
LONG 113 43 35 W
DRAINAGE AREA, 753 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	779	SEP	800
APR	223	OCT	95.1
MAY	53 0	NOV	---
JUN	15 0	DEC	---

TOTAL DISCHARGE, 1 950 dam³

ROSS CREEK AT MEDICINE HAT - STATION NO 05AH049

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	5.02	0 587	0 198	0 424	0 402	0 449	---	---	1
2	---	---	---	---	5.25	0 462	0 172	0 228	0 411	0 444	---	---	2
3	---	---	---	---	3.75	0 890	0 138	0 526	0 476	0 428	---	---	3
4	---	---	---	---	2.85	0 778	0 229	0 258	0 480	0 390	---	---	4
5	---	---	---	---	3.78	0 783	0 195	0 142	0 295	0 315	---	---	5
6	---	---	---	---	3.80	0 817	0 098	0 085	0 408	0 304	---	---	6
7	---	---	---	---	2.47	0 890	0 003	0 044	0 639	0 319	---	---	7
8	---	---	---	---	2.37	0 739	0 002	0 178	0 723	0 310	---	---	8
9	---	---	---	---	2.38	0 776	0 036	0 453	0 772	0 201	---	---	9
10	---	---	---	---	2.37	0 719	0 098	0 948	0 783	0 190	---	---	10
11	---	---	---	---	1.89	0 706	0 282	0 833	0 908	0 184	---	---	11
12	---	---	---	---	3.43	0 443	0 335	0 760	0 783	0 093	---	---	12
13	---	---	---	---	2.38	0 734	0 138	0 624	0 881	0 078	---	---	13
14	---	---	---	---	3.38	0 739	0 100	0 434	0 815	0 083	---	---	14
15	---	---	---	---	2.39	0 734	0 080	0 340	0 647	0 178	---	---	15
16	---	---	---	---	2.38	0 491	0.040	0 447	0.532	0 138	---	---	16
17	---	---	---	---	2.37	0 491	0.093	0 693	0 511	0 108	---	---	17
18	---	---	---	---	2.40	0 443	0.203	0 784	0 484	0 095	---	---	18
19	---	---	---	---	2.31	0 410	0.283	0 680	0 478	0 095	---	---	19
20	---	---	---	---	3.13	0 394	0.288	0 595	0 484	0 090	---	---	20
21	---	---	---	---	3.09	0.326	0.318	0.518	0.501	0.088	---	---	21
22	---	---	---	---	1.82	0.238	0.386	0.340	0.538	0.081	---	---	22
23	---	---	---	---	1.48	0.183	0.308	0.313E	0.502	0.088	---	---	23
24	---	---	---	---	1.40	0.238	0.180	0.285E	0.588	0.081	---	---	24
25	---	---	---	---	0.910	0.237	0.214	0.257E	0.548	0.082	---	---	25
26	---	---	---	---	0.832	0.147	0.334	0.229E	0.508	0.088	---	---	26
27	---	---	---	---	0.832	0.152	0.295	0.303E	0.488	0.088	---	---	27
28	---	---	---	---	0.881	0.203	0.313	0.174	0.447	0.080	---	---	28
29	---		---	5.84	0.838	0.137	0.280	0.081	0.448	0.074	---	---	29
30	---		---	---	0.885	0.133	0.486	0.087	0.459	0.078	---	---	30
31	---		---		0.838		0.483	0.345		0.115		---	31
TOTAL	---	---	---	---	88.382	14.817	8.188	11.885	15.831	8.618	---	---	TOTAL
MEAN	---	---	---	---	2.31	0.467	0.280	0.378	0.527	0.175	---	---	MEAN
MAX	---	---	---	---	5.25	0.817	0.484	0.784	0.773	0.449	---	---	MAX
MIN	---	---	---	---	0.838	0.137	0.002	0.044	0.295	0.074	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.883
MAXIMUM DAILY, 5.35 ON MAY 2
MINIMUM DAILY, 0.002 ON JUL 8

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 01 47 N
LONG 110 38 27 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	536
FEB	---	AUG	1 010
MAR	---	SEP	1 370
APR	---	OCT	486
MAY	5 910	NOV	---
JUN	1 380	DEC	---

TOTAL DISCHARGE, 10 000 dam³

ROSS CREEK AT OUTLET OF ELKWATER LAKE - STATION NO. 05AH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0	0.0	0 B	0.0028	0.366	0	0	0	0	---	---	1
2	---	0.0	0.0	0 B	0.0058	0.228	0	0	0	0	---	---	2
3	---	0.0	0.0	0 B	0.0058	0.193	0	0	0	0	---	---	3
4	---	0.0	0.0	0 B	0.0058	0.166	0	0	0	0	---	---	4
5	---	0.0	0.0	0 B	0.0028	0.166	0	0	0	0	---	---	5
6	---	0.0	0.0	0 B	0.0028	0.139	0	0	0	0	---	---	6
7	---	0.0	0.0	0 B	0.0058	0.131	0	0	0	0	---	---	7
8	---	0.0	0.0	0 B	0.0058	0.081	0	0	0	0	---	---	8
9	---	0.0	0.0	0 B	0.0058	0.062	0	0	0	0	---	---	9
10	---	0.0	0.0	0 B	0.0049	0.059	0	0	0	0	---	---	10
11	---	0.0	0.0	0 B	0.0058	0.081	0	0	0	0	---	---	11
12	---	0.0	0.0	0 B	0.0068	0.044	0	0	0	0	---	---	12
13	---	0.0	0.0	0 B	0.0108	0.029	0	0	0	0	---	---	13
14	---	0.0	0.0	0 B	0.0148	0.034	0	0	0	0	---	---	14
15	---	0.0	0.0	0 B	0.3209	0.033	0	0	0	0	---	---	15
16	---	0.0	0.0	0 B	0.8858	0.016	0	0	0	0	---	---	16
17	---	0.0	0.0	0 B	0.866	0.008A	0	0	0	0	---	---	17
18	---	0.0	0.0	0 B	0.521	0.008A	0	0	0	0	---	---	18
19	---	0.0	0.0	0 B	0.426	0.008A	0	0	0	0	---	---	19
20	---	0.0	0.0	0 B	0.360	0.002E	0	0	0	0	---	---	20
21	---	0.0	0.0	0 B	0.317	0.002E	0	0	0	0	---	---	21
22	---	0.0	0.0	0 B	0.291	0.002E	0	0	0	0	---	---	22
23	---	0.0	0.0	0 B	0.244	0.002E	0	0	0	0	---	---	23
24	---	0.0	0.0	0 B	0.207	0.005A	0	0	0	0	---	---	24
25	---	0.0	0.0	0 B	0.207	0	0	0	0	0	---	---	25
26	---	0.0	0.0	0 B	0.203	0	0	0	0	0	---	---	26
27	---	0.0	0.0	0 B	0.192	0	0	0	0	0	---	---	27
28	---	0.0	0.0	0 B	0.210	0	0	0	0	0	---	---	28
29	---	---	0.0	0 B	0.238	0	0	0	0	0	---	---	29
30	---	---	0.0	0.0028	0.261	0	0	0	0	0	---	---	30
31	0.0	---	0.0	---	0.279	---	0	0	---	0.0	---	---	31
										0.0		---	
TOTAL	---	0	0	0.002	5.729	1.781	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0	0.185	0.059	0	0	0	0	---	---	MEAN
MAX	---	0	0	0.002	0.885	0.366	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0.002	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.027
MAXIMUM DAILY, 0.8858 ON MAY 16
MINIMUM DAILY, 0.0 ON FEB 1
MAXIMUM INSTANTANEOUS,
0.8568 AT 11:30 MST ON MAY 16

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 42 N
LONG 110 17 42 W
DRAINAGE AREA, 30.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0.17	OCT	0
MAY	495	NOV	---
JUN	153	DEC	---

TOTAL DISCHARGE, 647 dam³

ROSS CREEK NEAR IRVINE - STATION NO. 05AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0	0 B	1.14	1.47	0.291	0	0	0	0	---	---	1
2	---	0.0	0 B	2.80	1.05	0.235	0	0	0	0	---	---	2
3	---	0.0	0 B	7.31	0.770	0.185	0	0	0	0	---	---	3
4	---	0.0	0 B	3.83	0.885	0.149	0	0	0	0	---	---	4
5	---	0.0	0 B	1.25	0.675	0.139	0	0	0	0	---	---	5
6	---	0.0	0 B	0.889	0.921	0.132	0	0	0	0	---	---	6
7	---	0.0	0 B	0.770	0.557	0.135	0	0	0	0	---	---	7
8	---	0.0	0 B	0.601	0.420	0.081	0	0	0	0	---	---	8
9	---	0.0	0 B	0.591	0.388	0.151	0	0	0	0	---	---	9
10	---	0.0	0 B	0.884	0.388	0.141	0	0	0	0	---	---	10
11	---	0.0	0.0078	1.79	0.288	0.133	0	0	0	0	---	---	11
12	---	0.0	0.0078	2.30	0.510	0.067	0	0	0	0	---	---	12
13	---	0.0	0.0308	1.70	0.510	0.084	0	0	0	0	---	---	13
14	---	0.0	0.8008	1.22	0.883	0.038	0	0	0	0	---	---	14
15	---	0.0	1.01 B	0.884	1.08	0.036	0	0	0	0	---	---	15
16	---	0.0	1.03 B	0.718	3.83	0.033	0	0	0	0	---	---	16
17	---	0.0	1.30 B	0.381	3.43	0.008	0	0	0	0	---	---	17
18	---	0.0	1.65 B	0.388	2.04	0.006	0	0	0	0	---	---	18
19	---	0.0	1.90 B	0.338	1.10	0.003	0	0	0	0	---	---	19
20	---	0.0	2.14	0.383	0.736	0	0	0	0	0	---	---	20
21	---	0.0	1.84	0.140	1.06	0	0	0	0	0	---	---	21
22	---	0.0	0.847	0.174	0.484	0	0	0	0	0	---	---	22
23	---	0.0	0.251	0.134	0.781	0	0	0	0	0	---	---	23
24	---	0.0	0.234	0.288	0.434	0	0	0	0	0	---	---	24
25	---	0.0	0.615	0.740	0.378	0	0	0	0	0	---	---	25
26	---	0.0	0.492	1.82	0.348	0	0	0	0	0	---	---	26
27	---	0.0	0.538	0.638	0.283	0	0	0	0	0	---	---	27
28	---	0.0	0.633	2.02	0.283	0	0	0	0	0	---	---	28
29	---	---	0.447	7.14	0.237	0	0	0	0	0	---	---	29
30	---	---	0.425	3.80	0.214	0	0	0	0	0	---	---	30
31	---	---	0.488	---	0.308	---	0	0	---	0	---	---	31
TOTAL	---	0	18.788	47.088	27.038	1.988	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.809	1.57	0.872	0.088	0	0	0	0	---	---	MEAN
MAX	---	0	2.14	7.31	3.83	0.291	0	0	0	0	---	---	MAX
MIN	---	0	0	0.134	0.214	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.338
MAXIMUM DAILY, 7.31 ON APR 3
MINIMUM DAILY, 0.0 ON FEB 1

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 27 N
LONG 110 22 00 W
DRAINAGE AREA, 634 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	1 380	SEP	0
APR	4 070	OCT	0
MAY	2 340	NOV	---
JUN	172	DEC	---

TOTAL DISCHARGE, 7 960 dam³

RYCROFT SURVEY NO. 3 NEAR RYCROFT - STATION NO. 07FD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.186	0	0	0	0	0	0	---	---	1
2	---	---	---	0.117	0	0	0	0	0	0	---	---	2
3	---	---	---	0.059	0	0	0	0	0	0	---	---	3
4	---	---	---	0.026	0	0	0	0	0	0	---	---	4
5	---	---	---	0.023	0	0	0	0	0	0	---	---	5
6	---	---	---	0.019	0	0	0	0	0	0	---	---	6
7	---	---	---	0.013	0	0	0	0	0	0	---	---	7
8	---	---	---	0.014	0	0	0	0	0	0	---	---	8
9	---	---	---	0.016	0	0	0	0	0	0	---	---	9
10	---	---	---	0.012	0	0	0	0	0	0	---	---	10
11	---	---	---	0.011	0	0	0	0	0	0	---	---	11
12	---	---	---	0.012	0	0	0	0	0	0	---	---	12
13	---	---	---	0.013	0	0	0	0	0	0	---	---	13
14	---	---	---	0.006	0	0	0	0	0	0.007	---	---	14
15	---	---	---	0.002	0	0	0	0	0	0.023	---	---	15
16	---	---	---	0.004	0	0	0	0	0	0.001	---	---	16
17	---	---	---	0.004	0	0	0	0	0	0.032	---	---	17
18	---	---	---	---	0	0	0	0	0	0.017	---	---	18
19	---	---	---	0	0	0	0	0	0	0	---	---	19
20	---	---	---	0	0	0	0	0	0	0	---	---	20
21	---	---	---	0	0	0	0	0	0.005	0	---	---	21
22	---	---	---	0	0	0	0	0	0	0	---	---	22
23	---	---	---	0	0	0	0	0	0	0	---	---	23
24	---	---	---	0	0	0	0	0	0	0	---	---	24
25	---	---	0.1348	0	0	0	0	0	0	0	---	---	25
26	---	---	0.0948	0	0	0	0	0	0	0	---	---	26
27	---	---	0.0538	0	0	0	0	0	0	0	---	---	27
28	---	---	0.0258	0	0	0	0	0	0	0	---	---	28
29	---		0.0028	0	0	0	0	0	0	0	---	---	29
30	---		0.0038	0	0	0	0	0	0	0	---	---	30
31	---		0.058		0		0	0		0	---		31
TOTAL	---	---	---	0.539	0	0	0	0	0.005	0.080	---	---	TOTAL
MEAN	---	---	---	0.018	0	0	0	0	0	0.003	---	---	MEAN
MAX	---	---	---	0.186	0	0	0	0	0.005	0.032	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.186 ON APR 1
MINIMUM DAILY, 0 ON APR 16
MAXIMUM INSTANTANEOUS,
0.245 AT 17:02 MST ON APR 1

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REMARKS - DATA FOR 1983 ARE ALSO AVAILABLE

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 45 00 N
LONG 118 35 00 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0.43
APR	46.8	OCT	6.91
MAY	0	NOV	---
JUN	0	DEC	---

SADDLE RIVER NEAR WOKING - STATION NO. 07FD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.15 B	0.708	0.065	0.058	0	0	0.008	---	---	1
2	---	---	0 B	5.31 B	0.642	0.037	0.059	0	0	0.004	---	---	2
3	---	---	0 B	2.96 B	1.48	0.051	0.053	0	0	0.003	---	---	3
4	---	---	0 B	1.04 B	3.05	0.045	0.048	0	0	0.003	---	---	4
5	---	---	0 B	0.7558	1.84	0.038	0.053	0	0	0.005	---	---	5
6	---	---	0 B	1.32 B	1.24	0.021	0.048	0	0	0.007	---	---	6
7	---	---	0 B	1.88 B	0.888	0.028	0.053	0	0	0.009	---	---	7
8	---	---	0 B	2.61 B	0.788	0.015	0.042	0	0	0.010	---	---	8
9	---	---	0 B	5.76 B	0.890	0.035	0.037	0	0	0.014	---	---	9
10	---	---	0 B	3.89	0.891	0.014	0.017	0	0	0.013	---	---	10
11	---	---	0 B	2.50	0.823	0.007	0.008	0	0	0.026	---	---	11
12	---	---	0 B	2.22	0.498	0.010	0.008	0	0	0.045	---	---	12
13	---	---	0 B	4.63	0.433	0.009	0.008	0	0.001	0.083	---	---	13
14	---	---	0 B	6.99	0.441	0.011	0.004	0	0.003	0.122	---	---	14
15	---	---	0.0258	5.14	0.388	0.011	0.004	0	0.003	0.180	---	---	15
16	---	---	1.10 B	3.95	0.358	0.010	0.003	0	0.002	0.210	---	---	16
17	---	---	3.10 B	3.81	0.367	0.012	0.003	0	0.002	0.228	---	---	17
18	---	---	8.13 B	3.06	0.367	0.012	0.003	0	0.001	0.188	---	---	18
19	---	---	5.09 B	2.22	0.372	0.010	0.002	0	0.002	0.089	---	---	19
20	---	---	4.04 B	2.50	0.374	0.010	0.002	0	0.002	0.108	---	---	20
21	---	---	3.10 B	1.98	0.382	0.010	0.001	0	0.004	0.087	---	---	21
22	---	---	2.53 B	1.61	0.388	0.020	0.001	0	0.003	0.152	---	---	22
23	---	---	3.04 B	1.84	0.388	0.022	0	0	0.002	0.189	---	---	23
24	---	---	1.88 B	1.31	0.067	0.020	0	0	0.002	0.204	---	---	24
25	---	08	1.36 B	1.34	0.068	0.010	0	0	0.001	0.121	---	---	25
26	---	08	1.67 B	1.67	0.048	0.031	0	0	0.001	0.188	---	---	26
27	---	08	1.63 B	1.95	0.040	0.043	0	0	0.001	0.148	---	---	27
28	---	08	1.72 B	1.61	0.035	0.058	0	0	0.002	0.180A	---	---	28
29	---		3.06 B	1.18	0.041	0.075	0	0	0.014	0.188E	---	---	29
30	---		1.47 B	0.884	0.048	0.070	0	0	0.029	0.170E	---	---	30
31	---		0.8848		0.044		0	0		0.190E		---	31
TOTAL	---	---	61.188	78.829	18.878	0.830	0.511	0	0.073	3.050	---	---	TOTAL
MEAN	---	---	1.33	2.68	0.838	0.027	0.016	0	0.002	0.098	---	---	MEAN
MAX	---	---	8.13	8.95	3.05	0.075	0.058	0	0.029	0.233	---	---	MAX
MIN	---	---	0	0.758	0.038	0.007	0	0	0	0.003	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.588
MAXIMUM DAILY, 8.95 ON APR 16
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
8.488 AT 13:00 MST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 36 39 N
LONG 118 41 51 W
DRAINAGE AREA, 536 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	46.2
FEB	---	AUG	0
MAR	3 990	SEP	6.22
APR	8 640	OCT	204
MAY	1 440	NOV	---
JUN	70.8	DEC	---

TOTAL DISCHARGE, 13 000 dam³

SAGE CREEK AT G RANCH NEAR WILDHORSE - STATION NO. 11AA026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.383	0.134	0	0	0	0	0.017	---	---	1
2	---	---	0	1.40	0.072	0	0	0	0	0.009	---	---	2
3	---	---	0	2.98	0.048	0	0	0	0	0.004	---	---	3
4	---	---	0	1.82	0.030	0	0	0	0	0	---	---	4
5	---	---	0	1.08	0.013	0	0	0	0	0	---	---	5
6	---	---	0	0.995	0.025	0	0	0	0	0	---	---	6
7	---	---	0	0.871	0.073	0	0	0	0	0	---	---	7
8	---	---	0	0.554	0.044	0	0	0	0	0	---	---	8
9	---	---	0	0.401	0.022	0	0	0	0	0	---	---	9
10	---	---	0	0.427	0.011	0	0	0	0	0	---	---	10
11	---	---	0	1.38	0.003	0	0	0	0	0	---	---	11
12	---	---	0	1.08	0	0	0	0	0	0	---	---	12
13	---	---	0	0.945	0	0	0	0	0	0	---	---	13
14	---	---	0	0.802	0	0	0	0	0.200	0	---	---	14
15	---	---	0	0.433	0	0	0	0	2.15	0	---	---	15
16	---	---	1.99	0.334	0.485	0	0	0	1.80	0	---	---	16
17	---	---	3.92	0.225	0.921	0	0	0	0.326	0	---	---	17
18	---	---	4.77	0.113	0.498	0	0	0	0.148	0	---	---	18
19	---	---	4.72	0.053	0.218	0	0	0	0.077	0	---	---	19
20	---	---	4.59	0.031	0.114	0	0	0	0.042	0	---	---	20
21	---	---	4.01	0.023	0.068	0	0	0	0.018	0	---	---	21
22	---	---	2.89	0.020	0.038	0	0	0	0.008	0	---	---	22
23	---	---	1.27	0.017	0.017	0	0	0	0	0	---	---	23
24	---	---	0.511	0.009	0.007	0	0	0	0	0	---	---	24
25	---	0	0.307	0.007	0.003	0	0	0	0	0	---	---	25
26	---	0	0.250	0.006	0	0	0	0	0	0	---	---	26
27	---	0	0.427	0.078	0	0	0	0	0.048	0	---	---	27
28	---	0	0.421	0.551	0	0	0	0	0.109	0	---	---	28
29	---		0.348	0.302	0	0	0	0	0.054	0	---	---	29
30	---		0.277	0.276	0	0	0	0	0.032	0	---	---	30
31	---		0.218		0		0	0		0		---	31
TOTAL	---	---	30.830	17.240	3.843	0	0	0	4.810	0.030	---	---	TOTAL
MEAN	---	---	0.995	0.575	0.052	0	0	0	0.160	0.001	---	---	MEAN
MAX	---	---	4.77	3.98	0.921	0	0	0	2.15	0.017	---	---	MAX
MIN	---	---	0	0.007	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.228
MAXIMUM DAILY, 4.77 ON MAR 18
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
5.15 AT 10:30 MST ON MAR 15

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 29 N
LONG 110 13 23 W
DRAINAGE AREA, 455 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	3 880	SEP	416
APR	1 500	OCT	2.59
MAY	248	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 4 820 dam³

SAKWATAMAU RIVER NEAR WHITECOURT - STATION NO. 07AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.7408	1.408	8.77	14.3	11.0	1.20	2.50	10.7	3.508	---	1
2	---	---	0.7508	1.568	13.1	12.3	9.48	1.02	2.41	9.62	4.188	---	2
3	---	---	0.7808	1.788	26.9	9.85	8.08	0.984	2.25	8.58	4.018	---	3
4	---	---	0.7858	2.068	42.8	8.25	8.71	1.10	2.15	9.05	3.148	---	4
5	---	---	0.7798	2.278	40.6	7.28	8.78	1.42	2.80	8.60	2.478	---	5
6	---	---	0.7858	2.218	32.9	6.49	5.00	1.45	3.00	7.94	2.518	---	6
7	---	---	0.8138	2.048	26.6	5.89	3.98	1.21	3.83	7.39	---	---	7
8	---	---	1.12 E	2.018	26.4	5.31	3.98	1.43	3.38	8.92	---	---	8
9	---	---	1.42 E	2.198	24.6	5.03	4.13	1.78	2.98	8.53	---	---	9
10	---	---	1.67 E	2.718	23.5	4.77	3.71	2.80	2.74	8.35	---	---	10
11	---	---	1.73 E	4.318	20.8	4.52	3.99	2.38	2.49	8.35	---	---	11
12	---	---	1.71 E	5.278	18.6	4.03	3.78	2.26	2.81	8.18	---	---	12
13	---	---	1.81 E	5.288	18.2	3.79	3.69	2.07	11.8	8.80	---	---	13
14	---	---	1.85 E	5.618	14.3	3.86	3.78	3.35	37.9	7.80	---	---	14
15	---	---	1.94 E	6.098	13.6	4.01	3.39	3.78	26.8	10.9	---	---	15
16	---	---	1.93 E	5.238	12.8	3.85	2.78	9.02	18.7	11.8	---	---	16
17	---	---	1.76 E	13.8	11.8	3.40	2.61	7.59	17.2	13.2	---	---	17
18	---	---	1.66 E	12.4	11.3	3.14	2.78	5.91	17.7	13.2	---	---	18
19	---	---	1.36 E	13.3	11.0	2.76	2.53	4.74	14.2	11.8	---	---	19
20	---	---	1.38 E	13.1	10.0	2.48	2.14	3.78	12.2	10.9	---	---	20
21	---	---	1.40 E	10.4	9.38	2.46	1.93	3.16	11.8	10.4	---	---	21
22	---	---	1.54 E	7.42	8.39	2.61	1.79	2.76	16.0	9.78	---	---	22
23	---	---	1.58 E	8.10	7.73	3.99	1.86	2.47	18.4	9.18	---	---	23
24	---	---	1.36 E	9.44	7.22	44.7	1.72	2.13	18.8	8.84	---	---	24
25	---	---	1.37 E	8.90	6.87	108	1.82	1.80	21.8	8.328	---	---	25
26	---	---	1.33 E	8.98	10.8	57.0	2.04	1.55	18.6	8.408	---	---	26
27	---	---	1.13 E	9.56	10.4	33.7	2.28	1.39	24.0	8.928	---	---	27
28	---	---	0.9658	8.38	8.84	23.8	2.18	1.28	19.7	7.128	---	---	28
29	---		0.8788	8.48	10.1	17.7	2.10	1.15	15.0	6.128	---	---	29
30	---		0.9698	8.33	12.8	13.4	1.88	1.33	12.4	5.148	---	---	30
31	---		1.17 E		11.4		1.40	1.50		5.168		---	31
TOTAL	---	---	40.297	193.33	513.10	432.07	109.00	78.354	369.35	259.48	---	---	TOTAL
MEAN	---	---	1.30	6.41	16.6	14.1	3.52	2.53	13.2	8.37	---	---	MEAN
MAX	---	---	1.85	13.1	42.8	108	11.0	9.02	37.9	13.2	---	---	MAX
MIN	---	---	0.748	1.40	7.22	3.46	1.40	0.984	2.15	4.12	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.09
MAXIMUM DAILY, 108 ON JUN 25
MINIMUM DAILY, 0.7408 ON MAR 1
MAXIMUM INSTANTANEOUS,
135 AT 09:45 MST ON JUN 26

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 12 05 N
LONG 115 45 49 W
DRAINAGE AREA, 469 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9 430
FEB	---	AUG	6 770
MAR	3 480	SEP	31 700
APR	15 800	OCT	22 400
MAY	44 300	NOV	---
JUN	38 500	DEC	---

TOTAL DISCHARGE, 171 000 dam³

SAM LAKE TRIBUTARY NEAR SCHULER - STATION NO. 05AH047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	0	0	0	0	0	0	0	---	---	1
2	---	0B	0 B	0	0	0	0	0	0	0	---	---	2
3	---	0B	0 B	0	0	0	0	0	0	0	---	---	3
4	---	0B	0 B	0.017	0	0	0	0	0	0	---	---	4
5	---	0B	0 B	0.021	0	0	0	0	0	0	---	---	5
6	---	0B	0 B	0	0	0	0	0	0	0	---	---	6
7	---	0B	0 B	0	0	0	0	0	0	0	---	---	7
8	---	0B	0 B	0	0	0	0	0	0	0	---	---	8
9	---	0B	0 B	0	0	0	0	0	0	0	---	---	9
10	---	0B	0 B	0	0	0	0	0	0	0	---	---	10
11	---	0B	0.0028	0	0	0	0	0	0	0	---	---	11
12	---	0B	0.0508	0	0	0	0	0	0	0	---	---	12
13	---	0B	0.1008	0	0	0	0	0	0	0	---	---	13
14	---	0B	0.1408	0	0	0	0	0	0	0	---	---	14
15	---	0B	0.1578	0	0	0	0	0	0	0	---	---	15
16	---	0B	0.2658	0	0	0	0	0	0	0	---	---	16
17	---	0B	0.5148	0	0	0	0	0	0	0	---	---	17
18	---	0B	1.20	0	0	0	0	0	0	0	---	---	18
19	---	0B	1.37	0	0	0	0	0	0	0	---	---	19
20	---	0B	0.405	0	0	0	0	0	0	0	---	---	20
21	---	0B	0.144	0	0	0	0	0	0	0	---	---	21
22	---	0B	0.019	0	0	0	0	0	0	0	---	---	22
23	---	0B	0.042A	0	0	0	0	0	0	0	---	---	23
24	---	0B	0 A	0	0	0	0	0	0	0	---	---	24
25	---	0B	0	0	0	0	0	0	0	0	---	---	25
26	---	0B	0	0	0	0	0	0	0	0	---	---	26
27	---	0B	0	0	0	0	0	0	0	0	---	---	27
28	---	0B	0	0	0	0	0	0	0	0	---	---	28
29	0B		0	0	0	0	0	0	0	0A	---	---	29
30	0B		0	0	0	0	0	0	0	0E	---	---	30
31	0B		0		0		0	0		0E		---	31
TOTAL	---	0	4.503	0.038	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.145	0.001	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	1.37	0.021	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.017
MAXIMUM DAILY, 1.37 ON MAR 19
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
2.14 AT 10:05 MST ON MAR 19

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 48 N
LONG 110 15 39 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	389	SEP	0
APR	3.28	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 392 dam³

SAND RIVER NEAR THE MOUTH - STATION NO. 05AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.158	5.048	51.0	24.0	12.8	3.78	1.80	2.33	---	---	1
2	---	---	2.158	5.898	53.7	23.0	12.2	3.52	1.83	2.46	---	---	2
3	---	---	2.158	5.868	56.0	22.1	11.5	3.44	1.87	2.51	---	---	3
4	---	---	2.158	5.818	58.8	21.1	10.7	3.43	1.94	2.48	---	---	4
5	---	---	2.158	5.958	62.9	20.1	10.4	3.56	1.89	2.38	---	---	5
6	---	---	2.158	6.478	67.1	19.0	9.83	3.37	1.97	2.36	---	---	6
7	---	---	2.158	6.888	70.2	17.9	9.21	3.33	1.97	2.29	---	---	7
8	---	---	2.158	7.488	74.1	17.5	8.80	3.38	2.08	2.37	---	---	8
9	---	---	2.158	8.448	77.4	17.4	8.36	3.33	2.06	2.47	---	---	9
10	---	---	2.158	9.478	78.9	17.3	7.91	3.18	2.00	2.53	---	---	10
11	---	---	2.158	9.588	82.5	17.3	7.52	3.15	1.97	2.53	---	---	11
12	---	---	2.158	11.0 B	83.3	17.2	7.36	3.04	1.97	2.66	---	---	12
13	---	---	2.158	12.5 B	82.3	17.2	7.05	2.91	2.00	2.72	---	---	13
14	---	---	2.158	15.6	79.9	16.7	6.72	2.81	2.04	2.61	---	---	14
15	---	---	2.158	21.6	78.6	16.9	6.45	2.69	1.99	2.61	---	---	15
16	---	---	2.158	23.3	71.9	15.4	6.07	2.59	2.01	2.58	---	---	16
17	---	---	2.158	20.6	67.0	14.9	5.92	2.47	2.07	2.61	---	---	17
18	---	---	2.158	20.4	63.3	14.1	5.72	2.38	1.96	2.79	---	---	18
19	---	---	2.218	19.1	56.7	13.7	5.64	2.24	1.92	3.42	---	---	19
20	---	---	2.258	20.7	53.3	13.4	5.24	2.17	1.88	3.50	---	---	20
21	---	---	2.288	33.3	48.6	13.2	4.98	2.14	1.91	3.39	---	---	21
22	---	---	2.288	21.4	44.6	13.0	4.80	2.13	2.00	3.37	---	---	22
23	---	---	2.288	30.2	41.1	13.4	4.64	2.08	2.11	3.46	---	---	23
24	---	---	2.288	19.7	37.4	14.2	4.67	2.03	2.21	3.508	---	---	24
25	---	---	2.298	30.4	34.2	14.3	4.82	1.91	2.31	3.598	---	---	25
26	---	---	2.338	21.8	31.9	14.5	4.65	1.85	2.15	3.648	---	---	26
27	---	2.158	2.418	25.0	28.7	14.3	4.83	1.78	2.25	3.698	---	---	27
28	---	2.158	2.728	30.3	26.4	14.1	4.47	1.74	2.34	3.008	---	---	28
29	---		3.178	37.6	27.1	14.0	4.28	1.71	2.41	3.708	---	---	29
30	---		3.848	45.5	25.8	13.3	4.10	1.70	2.32	1.818	---	---	30
31	---		4.508		24.7		3.90	1.75		1.818		---	31
TOTAL	---	---	73.59	505.19	1 739.4	493.4	215.22	81.63	61.11	88.09	---	---	TOTAL
MEAN	---	---	2.37	16.8	56.1	16.4	6.94	2.63	2.04	2.78	---	---	MEAN
MAX	---	---	4.50	45.5	83.3	24.0	12.8	3.78	2.41	3.89	---	---	MAX
MIN	---	---	2.15	5.04	24.7	13.0	3.90	1.70	1.80	1.61	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.3
MAXIMUM DAILY, 83.3 ON MAY 12
MINIMUM DAILY, 1.70 ON AUG 30
MAXIMUM INSTANTANEOUS,
83.6 AT 14:32 MST ON MAY 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 28 18 N
LONG 111 11 08 W
DRAINAGE AREA, 4 810 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	18 600
FEB	---	AUG	7 050
MAR	6 380	SEP	5 280
APR	83 600	OCT	7 440
MAY	150 000	NOV	---
JUN	42 600	DEC	---

TOTAL DISCHARGE, 351 800 dam³

SAULTEAUX RIVER NEAR SPURFIELD - STATION NO 07BX005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	E 0.0068	1.648	14.7	9.30E	36.4	1.76	0.973	14.8	---	---	1
2	---	---	E 0.0068	1.638	13.6	9.00E	23.3	1.63	0.886	12.3	---	---	2
3	---	---	E 0.0068	1.718	12.2	8.35E	19.4	1.50	0.890	10.9	---	---	3
4	---	---	E 0.0068	1.888	10.9	7.65E	16.3	1.45	0.869	10.0	---	---	4
5	---	---	E 0.0068	4.808	27.9	6.90E	13.4	1.42	0.844	11.8	---	---	5
6	---	---	E 0.0068	6.328	37.6	5.90E	11.0	1.36	0.813	15.4	---	---	6
7	---	---	E 0.0058	5.468	35.5	5.45E	9.29	1.42	0.828	13.9	---	---	7
8	---	---	E 0.0058	4.978	31.5	4.80E	7.97	1.54	0.847	12.6	---	---	8
9	---	---	E 0.0058	5.318	26.9	4.20E	7.06	1.38	0.900	10.5	---	---	9
10	---	---	E 0.0058	5.948	28.1	4.00E	6.16	1.30	1.17	9.44	---	---	10
11	---	---	E 0.0068	7.808	37.3	3.85E	5.62	1.33	1.20	8.49	---	---	11
12	---	---	E 0.0068	9.898	24.6	3.75E	4.95	1.40	1.19	8.25	---	---	12
13	---	---	E 0.0058	10.48	21.2	3.60E	4.58	1.49	1.10	7.76	---	---	13
14	---	---	E 0.0058	10.08	19.7	3.25E	4.34	1.56	1.09	7.59	---	---	14
15	---	---	E 0.0068	11.58	19.4	3.10E	4.13	1.57	1.01	7.94	---	---	15
16	---	---	E 0.0068	13.0	20.8	2.90E	3.71	1.51	12.3	7.78	---	---	16
17	---	---	E 0.0098	11.7	22.1	2.84E	3.27	1.56	11.2	8.93	---	---	17
18	---	---	E 0.0148	10.6	20.0	3.50E	3.09	2.31	9.95	9.24	---	---	18
19	---	---	E 0.0208	10.2	18.6	7.00E	2.88	3.06	9.89	9.89	---	---	19
20	---	---	E 0.0588	10.3	17.2	6.00E	2.67	2.83	9.81	10.0	---	---	20
21	---	---	E 0.1438	9.72	14.9	5.00E	2.46	2.61	9.28	9.75	---	---	21
22	---	---	E 0.2148	9.03	13.3 A	5.05E	2.27	2.21	7.32	9.26	---	---	22
23	---	---	E 0.2658	8.14	11.7 E	5.10E	2.07	2.12	8.28	8.85	---	---	23
24	---	---	E 0.3218	7.52	10.6 E	5.05E	1.94	2.04	15.6	8.82	---	---	24
25	---	---	E 0.4688	8.54	9.80E	10.0 E	1.84	1.87	19.3	8.23	---	---	25
26	---	---	1.06 E	10.7	8.85E	43.6 A	1.86	1.89	21.7	7.93	---	---	26
27	---	---	1.43 E	13.7	8.80E	61.9	1.82	1.94	23.0	8.788	---	---	27
28	---	---	1.63 E	16.0	8.45E	56.6	1.86	1.41	22.9	9.698	---	---	28
29	---	---	1.50 E	16.4	7.90E	44.9	2.02	1.27	23.4	4.748	---	---	29
30	---	---	1.39 E	16.0	7.20E	39.9	1.86	1.15	18.6	4.258	---	---	30
31	---	---	1.38 E		7.90E		1.89	1.05		3.758	---	---	31
TOTAL	---	---	10.167	200.86	587.00	370.54	203.35	62.21	332.080	283.84	---	---	TOTAL
MEAN	---	---	0.328	6.69	18.9	12.6	6.56	1.88	7.74	9.16	---	---	MEAN
MAX	---	---	1.63	16.4	37.6	61.9	36.4	3.06	23.4	15.4	---	---	MAX
MIN	---	---	0.006	1.44	7.20	3.84	1.82	1.05	0.813	3.75	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.11
MAXIMUM DAILY, 61.9 ON JUN 27
MINIMUM DAILY, 0.0068 ON MAR 1
MAXIMUM INSTANTANEOUS,
83.3 AT 15:00 MST ON JUN 27

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 09 30 N
LONG 114 14 10 W
DRAINAGE AREA, 2 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17 000
FEB	---	AUG	4 510
MAR	878	SEP	20 000
APR	22 500	OCT	24 500
MAY	49 000	NOV	---
JUN	32 700	DEC	---

TOTAL DISCHARGE, 172 000 dam³

SAMMIDGE CREEK NEAR SLAVE LAKE - STATION NO 07BX009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	E E	0.0628	4.27	1.95	2.97	0.352	0.304	3.23	1.110	---	1
2	---	---	E E	0.2068	7.30	1.75	2.81	0.318	0.280	2.48	---	---	2
3	---	---	E E	0.2778	15.8	1.57	2.66	0.316	0.320	5.26	---	---	3
4	---	---	E E	0.1908	16.2	1.43	2.00	0.326	0.461	5.77	---	---	4
5	---	---	E E	0.1908	13.9	1.38	1.72	0.391	0.640	4.70	---	---	5
6	---	---	0 E	0.1988	11.0	1.23	1.57	0.304	1.15	3.86	---	---	6
7	---	---	0 E	0.2258	10.7	1.15	1.40	0.341	0.788	3.28	---	---	7
8	---	---	0 E	0.2118	10.4	1.13	1.22	0.600	0.670	2.81	---	---	8
9	---	---	0 E	0.9688	8.68	1.13	1.08	0.488	0.605	2.49	---	---	9
10	---	---	0 E	1.20 E	8.37	1.07	0.988	0.417	0.641	2.34	---	---	10
11	---	---	0 E	1.92 E	7.86	1.04	E 962	E 398	0.488	2.40	---	---	11
12	---	---	0 E	1.32 E	8.15	0.980	E 884	E 444	0.461	2.90	---	---	12
13	---	---	0 E	2.40 E	8.91	0.964	E 810	E 481	1.36	2.84	---	---	13
14	---	---	0 E	4.32 E	8.98	0.923	E 771	E 427	4.72	2.44	---	---	14
15	---	---	0 E	3.84 E	7.30	0.952	0.706	0.803	3.39	2.98	---	---	15
16	---	---	0 E	2.93 E	6.45	7.26	0.682	0.682	2.62	2.87	---	---	16
17	---	---	0 0.0288	3.33 E	6.46	5.53	0.634	0.617	4.01	2.77	---	---	17
18	---	---	0 0.0578	3.70 E	6.47	3.90	0.580	0.601	3.06	2.88	---	---	18
19	---	---	0 0.0708	3.85 E	5.33	2.85	0.538	0.588	2.31	2.95	---	---	19
20	---	---	0 0.0858	3.66 E	4.82	2.33	0.551	0.567	1.95	2.37	---	---	20
21	---	---	0 0.0958	2.46 E	3.95	2.33	0.488	0.587	4.53	2.30	---	---	21
22	---	---	0 0.1128	3.27 E	3.61	2.21	0.455	0.548	8.37	2.10	---	---	22
23	---	---	0 0.1308	3.81 E	3.60	1.93	0.427	0.513	8.40	2.02	---	---	23
24	---	---	0 0.0818	3.66 E	3.22	16.2	0.523	0.538	7.71	1.88	---	---	24
25	---	---	0 0.0898	3.82 E	2.96	23.8	0.611	0.558	8.38	1.88	---	---	25
26	---	---	0 0.0868	4.33	2.86	10.4	0.661	0.518	7.73	1.38 E	---	---	26
27	---	---	0 0.0238	4.82	2.65	6.78	1.00	0.586	8.17	1.26 E	---	---	27
28	---	---	0 0.0188	4.64	2.46	5.61	0.807	0.559	8.58	1.07 E	---	---	28
29	---	---	0 0.0108	3.60	2.65	4.62	0.673	0.548	4.66	0.7838	---	---	29
30	---	---	0 0.0108	3.74	2.39	3.86	0.602	0.257	3.86	1.38 E	---	---	30
31	---	---	0 0.0258		3.18		0.624	0.304		1.04 E		---	31
TOTAL	---	---	0.805	71.828	207.86	116.062	32.169	12.189	93.780	61.193	---	---	TOTAL
MEAN	---	---	0.028	3.39	6.70	3.83	1.04	0.393	3.13	2.93	---	---	MEAN
MAX	---	---	0.130	4.82	16.2	23.8	2.97	0.880	8.37	5.77	---	---	MAX
MIN	---	---	0	0.962	2.16	0.933	0.434	0.249	0.390	0.783	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.81
MAXIMUM DAILY, 23.8 ON JUN 25
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
43.7 AT 23:00 MST ON JUN 24

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 17 00 N
LONG 114 03 30 W
DRAINAGE AREA, 223 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 780
FEB	---	AUG	1 050
MAR	76.3	SEP	8 100
APR	6 210	OCT	7 030
MAY	18 000	NOV	---
JUN	9 880	DEC	---

TOTAL DISCHARGE, 53 300 dam³

SEVEN PERSONS CREEK AT MEDICINE HAT - STATION NO 05AH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.22	1.30	2.21	2.24	0.739	0.789	---	---	1
2	---	---	---	---	0.363	1.22	1.67	2.30	0.805	0.884	---	---	2
3	---	---	---	---	0.185	1.33	1.78	2.01	0.972	1.22	---	---	3
4	---	---	---	---	0.186	1.24	1.67	1.89	0.818	1.28	---	---	4
5	---	---	---	---	0.116	0.973	1.61	1.61	0.933	1.16	---	---	5
6	---	---	---	---	0.092	0.835	1.61	1.70	1.18	1.62	---	---	6
7	---	---	---	---	0.085	0.910	1.77	1.85	1.01	1.65	---	---	7
8	---	---	---	---	0.076	1.22	2.16	1.66	1.71	1.06	---	---	8
9	---	---	---	---	0.086	1.55	2.00	1.75	1.60	0.9058	---	---	9
10	---	---	---	---	0.168	1.58	1.99	2.25	1.65	0.833	---	---	10
11	---	---	---	---	0.171	1.87	1.98	2.01	0.837	0.885	---	---	11
12	---	---	---	---	0.570	1.86	1.78	2.22	1.01	0.839	---	---	12
13	---	---	---	---	0.883	1.78	2.07	2.18	1.21	0.280	---	---	13
14	---	---	---	---	0.380	2.61	2.20	1.87	0.850	0.247	---	---	14
15	---	---	---	---	0.301	1.72	2.21	1.28	0.804	0.339	---	---	15
16	---	---	---	---	0.308	1.28	2.27	1.23	0.387	0.288	---	---	16
17	---	---	---	---	0.182	1.82	2.47	1.08	0.388	0.430	---	---	17
18	---	---	---	---	0.218	2.07	2.39	1.11	0.459	0.239	---	---	18
19	---	---	---	---	0.188	1.89	2.08	1.17	0.701	0.183	---	---	19
20	---	---	---	---	0.157	1.24	2.28	1.08	0.898	0.180	---	---	20
21	---	---	---	---	0.138	1.33	1.82	1.07	0.748	0.154	---	---	21
22	---	---	---	---	0.117	1.22	1.76	1.08	0.801	0.148	---	---	22
23	---	---	---	---	0.380	1.46	1.68	1.03	0.817	0.134	---	---	23
24	---	---	---	---	0.817	1.27	1.98	1.15	1.36	0.134	---	---	24
25	---	---	---	---	1.28	1.83	1.98	1.10	1.35	0.138	---	---	25
26	---	---	---	---	1.48	1.89	2.32	1.06	0.988	0.133	---	---	26
27	---	---	---	---	1.48	1.85	1.97	1.01	0.774	0.123	---	---	27
28	---	---	---	---	1.13	1.88	2.08	0.759	0.765	0.134	---	---	28
29	---		---	1.884	1.81	1.88	2.13	0.737	0.888	0.117	---	---	29
30	---		---	1.88	1.76	1.80	2.05	1.01	0.853	0.115	---	---	30
31	---		---		1.50		1.99	0.885		0.1154	---	---	31
TOTAL	---	---	---	---	17.387	45.768	51.95	45.682	27.999	18.170	---	---	TOTAL
MEAN	---	---	---	---	0.581	1.53	1.99	1.47	0.933	0.522	---	---	MEAN
MAX	---	---	---	---	1.81	2.61	2.47	2.30	1.80	1.65	---	---	MAX
MIN	---	---	---	---	0.076	0.835	1.55	0.737	0.387	0.115	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.61 ON JUN 16

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 01 35 N
LONG 110 41 03 W
DRAINAGE AREA, 3 270 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1955

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 330
FEB	---	AUG	3 850
MAR	---	SEP	2 410
APR	---	OCT	1 400
MAY	1 500	NOV	---
JUN	3 950	DEC	---

SHEEP COULEE NEAR LANSTAIRS - STATION NO 05CE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0	0	0.002	0	0	0	0	0.001	0	---	1
2	---	---	0.0	0.001	0.002	0	0	0	0	0.001	0.001	---	2
3	---	---	0.0	0	0.001	0	0	0	0	0.001	0.001	---	3
4	---	---	0.0	0	0	0	0	0	0	0.001	0.001	---	4
5	---	---	0.0	0	0	0	0	0	0	0.001	0	---	5
6	---	---	0.0	0	0	0	0	0	0	0.001	0	---	6
7	---	---	0.0	0	0	0	0	0	0	0.001	0	---	7
8	---	---	0.0	0	0	0	0	0	0	0.001	---	---	8
9	---	---	0.0	0	0	0	0	0	0	0.001	---	---	9
10	---	---	0.0	0	0	0	0	0	0	0.001	---	---	10
11	---	---	0.0	0	0	0	0	0	0	0.001	---	---	11
12	---	---	0.0	0	0	0	0	0	0.038	0	---	---	12
13	---	---	0.0	0	0	0	0	0	0.008	0	---	---	13
14	---	---	0.0	0	0	0	0	0	0.238	0	---	---	14
15	---	---	0.0	0	0	0	0	0	0.150	0.002	---	---	15
16	---	---	0.0	0	0	0	0	0	0.080	0.002	---	---	16
17	---	---	0.0018	0	0	0	0	0	0.036	0.001	---	---	17
18	---	---	0.0138	0	0	0	0	0	0.031A	0.001	---	---	18
19	---	---	0.0138	0	0	0	0	0	0.017A	0.001	---	---	19
20	---	---	0.0078	0	0	0	0	0	0.013	0	---	---	20
21	---	---	0.0088	0	0	0	0	0	0.008	0	---	---	21
22	---	---	0.0089	0.0	0	0	0	0	0.008	0	---	---	22
23	---	---	0.005	0.0018	0	0	0	0	0.006	0	---	---	23
24	---	---	0.004	0.0018	0	0	0	0	0.006	0	---	---	24
25	---	---	0.003	0.0018	0	0	0	0	0.003	0	---	---	25
26	---	---	0.006	0.0018	0	0	0	0	0.002	0	---	---	26
27	---	00	0.003	0.0018	0	0	0	0	0.002	0	---	---	27
28	---	00	0.001	0.0028	0	0	0	0	0.002	0.001	---	---	28
29	---		0	0.0028	0	0	0	0	0.001	0.001	---	---	29
30	---		0	0.001	0	0	0	0	0.001	0.001	---	---	30
31	---		0		0		0	0	0.001	0.001	---	---	31
TOTAL	---	---	0.089	0.011	0.005	0	0	0	0.883	0.033	---	---	TOTAL
MEAN	---	---	0.002	0	0	0	0	0	0.033	0.001	---	---	MEAN
MAX	---	---	0.015	0.003	0.003	0	0	0	0.238	0.002	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.005 ON SEP 13
MINIMUM DAILY, 00 00 MAR 1
MAXIMUM INSTANTANEOUS,
0.011 AT 05:00 MST ON SEP 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 44 N
LONG 114 03 09 W
DRAINAGE AREA, 36.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0.96	SEP	03.3
APR	0.03	OCT	1.98
MAY	0.03	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 02.0 dam³

SHEEP RIVER AT BLACK DIAMOND - STATION NO. 05BL014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6880	0.5550	0.6508	1.05	3.87	15.2	4.49	1.95	3.97	5.37	3.61	0.7208	1
2	0.6820	0.5810	0.6478	2.62	4.80	14.8	4.23	1.88	3.86	5.09	3.56	0.7708	2
3	0.6500	0.5680	0.6438	1.93	6.53	13.4	4.13	2.06	3.85	4.81	3.33	0.8558	3
4	0.6198	0.5538	0.6318	1.05	8.38	11.8	4.13	2.00	3.70	4.45	3.42	0.9508	4
5	0.5978	0.5568	0.618	1.38	8.80	11.0	4.02	1.91	3.82	4.35	3.23	1.72 B	5
6	0.5818	0.5518	0.640	1.38	8.18	9.96	3.98	1.91	5.18	4.47	3.25	1.89 B	6
7	0.5818	0.5448	0.595	1.38	8.12	9.15	3.74	1.79	4.59	4.13	3.02	1.85 B	7
8	0.5998	0.5388	0.603	1.45	8.44	12.7	3.84	1.79	4.47	3.91	3.23	1.19 B	8
9	0.6038	0.5318	0.605	1.89	8.33	10.6	3.66	1.93	4.61	3.83	2.78	0.9908	9
10	0.6038	0.5268	0.590	2.45	8.09	9.26	3.40	1.85	4.87	4.08	1.82 B	0.9708	10
11	0.5808	0.5228	0.608	2.89	8.06	8.26	3.31	2.13	7.21	4.01	1.82 B	0.9558	11
12	0.5788	0.5218	0.605	2.78	8.67	8.01	3.22	3.01	38.4	4.12	1.81 B	0.9458	12
13	0.5808	0.5178	0.651	3.60	8.46	8.10	3.23	3.48	50.0	3.88	1.36 B	0.9408	13
14	0.5948	0.5258	0.689	4.63	8.63	8.09	3.08	3.20	27.1	3.78	1.32 B	0.9458	14
15	0.5918	0.5438	0.761	3.01	8.43	7.85	3.00	7.98	19.4	3.60	1.30 B	0.9508	15
16	0.6088	0.5628	0.822	2.81	8.04	7.31	2.78	10.8	15.8	3.60	0.9558	0.9808	16
17	0.6418	0.5928	1.37	2.84	8.32	8.46	3.48	11.1	13.3	3.58	0.9308	1.00 B	17
18	0.6548	0.5988	1.86	2.73	8.44	8.16	3.49	12.2	11.6	3.63	0.8628	1.30 B	18
19	0.7008	0.6118	1.71	2.57	8.87	8.33	3.07	11.8	10.1	3.77	0.7958	1.35 B	19
20	0.7388	0.6188	1.48	2.85	8.68	7.30	2.86	10.6	8.90	3.84	0.7258	1.46 B	20
21	0.8398	0.6368	1.30	1.95	8.47	6.84	2.72	9.89	8.17	3.87	0.6888	1.48 B	21
22	0.8628	0.6228	1.18	1.76	8.47	6.21	2.88	10.0	7.73	3.88	0.6558	1.45 B	22
23	0.8758	0.6238	1.00	1.89	8.73	5.82	2.78	9.21	7.29	3.85	0.6508	1.37 B	23
24	0.8728	0.6538	0.878	1.87	8.90	5.38	2.81	8.41	7.03	3.80	0.6468	1.23 B	24
25	0.8688	0.6578	0.844	1.80	15.2	4.89	2.68	7.83	6.89	3.88	0.6478	1.10 B	25
26	0.8598	0.6398	0.767	1.85	15.2	4.39	2.32	6.77	6.82	3.88	0.6488	0.9978	26
27	0.8198	0.6488	0.728	1.82	12.7	4.18	2.20	5.87	6.70	3.73	0.6538	0.9858	27
28	0.8018	0.6948	0.746	2.44	11.5	4.27	2.18	5.52	6.15	3.77	0.6528	0.9828	28
29	0.8008		0.716	3.84	11.5	4.64	2.07	5.03	5.80	3.48	0.6728	0.9828	29
30	0.8618		0.758	3.43	13.8	4.69	2.10	4.81	5.63	3.45	0.6908	0.9888	30
31	0.9558		0.851		13.7		2.05	4.31		3.38		0.9938	31
TOTAL	19.361	16.215	25.490	69.48	224.77	242.85	96.64	172.73	311.30	124.63	49.081	34.646	TOTAL
MEAN	0.625	0.579	0.855	2.32	7.25	8.09	3.11	5.57	10.4	4.02	1.84	1.12	MEAN
MAX	0.738	0.657	1.86	4.63	15.2	15.2	4.49	12.2	50.0	5.37	3.61	1.72	MAX
MIN	0.555	0.517	0.590	1.26	3.43	4.18	2.05	1.79	3.70	3.38	0.847	0.720	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.80
MAXIMUM DAILY, 50.0 ON SEP 13
MINIMUM DAILY, 0.5178 ON FEB 13
MAXIMUM INSTANTANEOUS,
82.2 AT 19:09 MST ON SEP 12

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 14 N
LONG 114 14 34 W
DRAINAGE AREA, 595 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 670	JUL	8 340
FEB	1 400	AUG	14 900
MAR	2 200	SEP	26 900
APR	6 000	OCT	10 800
MAY	19 400	NOV	4 240
JUN	21 000	DEC	2 990

TOTAL DISCHARGE, 130 000 dam³

SIFFLEUR RIVER NEAR THE MOUTH - STATION NO. 05DA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.81	15.2	31.4	18.9	9.95	6.65	---	---	1
2	---	---	---	---	3.30	14.6	29.2	15.9	8.60	6.19	---	---	2
3	---	---	---	---	3.61	14.4	30.3	15.5	9.25	6.01	---	---	3
4	---	---	---	---	3.07	15.4	30.0	15.1	8.93	5.55	---	---	4
5	---	---	---	---	2.44	16.1	31.6	17.2	10.1	5.07	---	---	5
6	---	---	---	---	2.22	14.2	29.1	15.0	9.86	5.61	---	---	6
7	---	---	---	---	2.45	13.6	26.4	14.6	8.97	5.01	---	---	7
8	---	---	---	---	2.83	14.3	26.6	15.1	8.83	4.88	---	---	8
9	---	---	---	---	2.78	12.2	27.7	13.0	8.82	4.79	---	---	9
10	---	---	---	---	2.82	10.9	26.4	11.1	8.11	4.84	---	---	10
11	---	---	---	---	2.48	8.89	27.0	10.8	10.5	4.78	---	---	11
12	---	---	---	---	2.32	13.5	24.1	13.9	19.3	4.84	---	---	12
13	---	---	---	---	2.33	18.1	18.9	13.3	20.8	4.61	---	---	13
14	---	---	---	---	2.58	17.3	17.5	11.8	17.4	4.37	---	---	14
15	---	---	---	---	2.81	17.0	17.5	10.8	15.5	4.81	---	---	15
16	---	---	---	---	3.78	13.7	18.2	14.4	14.0	5.27	---	---	16
17	---	---	---	---	4.46	13.3	16.6	14.9	12.7	4.60	---	---	17
18	---	---	---	---	12.0	15.6	16.0	14.0	11.6	4.31	---	---	18
19	---	---	---	---	17.4	23.6	15.7	14.3	11.0	4.48	---	---	19
20	---	---	---	---	20.7	26.2 A	16.9	16.1	10.1	4.70	---	---	20
21	---	---	---	---	21.3	26.6 E	18.7	18.0	9.83	4.36	---	---	21
22	---	---	---	---	23.0	23.7 E	20.0	18.6	9.33	4.28	---	---	22
23	---	---	---	1.28A	25.3	18.1 E	20.3	19.6	8.87	3.98	---	---	23
24	---	---	---	1.33	27.4	14.3 E	18.9	18.4	8.49	3.77	---	---	24
25	---	---	---	1.36	28.3	13.3	18.4	18.6	7.97	3.83	---	---	25
26	---	---	---	1.32	30.6	13.3	18.9	18.1	7.87	3.38	---	---	26
27	---	---	---	1.26	15.6	15.6	18.6	13.6	7.38	3.278	---	---	27
28	---	---	---	1.23	14.3	26.7	18.4	13.0	8.73	3.188	---	---	28
29	---		---	1.26	16.3	30.3	18.6	11.9	8.75	3.188	---	---	29
30	---		---	1.38	18.2	28.8	18.4	15.3	8.83	3.188	---	---	30
31	---		---		18.3		18.8	11.3		3.088		---	31
TOTAL	---	---	---	---	322.81	520.39	682.1	495.3	312.25	139.88	---	---	TOTAL
MEAN	---	---	---	---	10.4	17.3	21.4	16.7	10.4	4.51	---	---	MEAN
MAX	---	---	---	---	30.3	34.6	31.6	19.9	20.8	6.65	---	---	MAX
MIN	---	---	---	---	1.81	8.89	16.4	10.8	8.83	3.08	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.1
MAXIMUM DAILY, 34.6 ON JUN 30
MINIMUM DAILY, 1.81 ON MAY 1
MAXIMUM INSTANTANEOUS,
38.2 AT 04:00 MST ON JUN 30

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 03 56 N
LONG 113 33 36 W
DRAINAGE AREA, 915 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	67 300
FEB	---	AUG	39 300
MAR	---	SEP	27 000
APR	---	OCT	12 100
MAY	27 900	NOV	---
JUN	45 000	DEC	---

TOTAL DISCHARGE, 209 000 dam³

SILVERHORN CREEK NEAR THE MOUTH - STATION NO. 05DA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0368	0.0478	0.0538	0.0388	0.0808	0.813	3.36	0.893	0.422	0.276	0.0788	0.0198	1
2	0.0378	0.0488	0.0528	0.0388	0.0948	0.867	3.19	0.784	0.402	0.276	0.0748	0.0208	2
3	0.0388	0.0488	0.0488	0.0428	0.1228	1.02	3.00	1.18	0.381	0.261	0.0748	0.0208	3
4	0.0408	0.0488	0.0488	0.0438	0.097	0.915	3.33	0.961	0.376	0.253	0.0738	0.0218	4
5	0.0438	0.0488	0.0448	0.0458	0.082	0.839	3.84	0.763	0.431	0.244	0.0838	0.0238	5
6	0.0458	0.0508	0.0438	0.0488	0.080	0.826	3.41	0.678	0.396	0.237	0.0588	0.0308	6
7	0.0488	0.0528	0.0428	0.0538	0.109	0.886	1.90	0.660	0.378	0.249	0.0578	0.0408	7
8	0.0488	0.0528	0.0428	0.0578	0.113	0.955	2.46	0.641	0.386	0.236	0.0498	0.0428	8
9	0.0528	0.0528	0.0418	0.0608	0.118	0.472	2.45	0.580	0.371	0.180A	0.0478	0.0438	9
10	0.0548	0.0538	0.0408	0.0608	0.119	0.405	2.59	0.543	0.435	0.180A	0.0448	0.0438	10
11	0.0568	0.0548	0.0388	0.0588	0.118	0.382	2.00	0.599	0.542	0.191	0.0438	0.0458	11
12	0.0588	0.0588	0.0418	0.0568	0.111	0.795	1.41	0.816	0.984	0.190	0.0448	0.0478	12
13	0.0608	0.0588	0.0428	0.0578	0.106	0.972	0.962	0.851	1.11	0.185	0.0448	0.0498	13
14	0.0638	0.0638	0.0448	0.0558	0.119	0.807	0.738	0.834	0.823	0.184	0.0428	0.0558	14
15	0.0638	0.0648	0.0458	0.0548	0.139	0.869	0.709	0.818	0.678	0.190	0.0388	0.0628	15
16	0.0628	0.0638	0.0478	0.0538	0.195	0.987	0.855	0.717	0.606	0.201	0.0378	0.0688	16
17	0.0608	0.0638	0.0468	0.0528	0.291	0.701	0.838	0.814	0.529	0.189	0.0338	0.0728	17
18	0.0588	0.0618	0.0488	0.0508	1.17	1.41	0.821	0.873	0.488	0.182	0.0308	0.0778	18
19	0.0568	0.0588	0.0488	0.0518	1.80	2.04	0.716	0.873	0.445	0.183	0.0288	0.0728	19
20	0.0568	0.0578	0.0508	0.0518	1.52	2.27	0.882	0.780	0.407	0.181	0.0288	0.0708	20
21	0.0568	0.0568	0.0478	0.0518	1.42	1.22	1.07	0.827	0.382	0.182	0.0258	0.0708	21
22	0.0548	0.0558	0.0448	0.0508	1.63	0.984	1.08	0.733	0.372	0.189	0.0238	0.0728	22
23	0.0538	0.0528	0.0388	0.0508	1.78	0.851	1.11	0.814	0.363	0.181	0.0208	0.0718	23
24	0.0538	0.0518	0.0358	0.0518	1.97	0.917	1.08	0.838	0.332	0.178	0.0208	0.0668	24
25	0.0538	0.0508	0.0338	0.0538	1.88	0.607	0.801	0.738	0.317	0.1728	0.0208	0.0658	25
26	0.0528	0.0508	0.0318	0.0538	1.10	0.503	0.882	0.895	0.319	0.1858	0.0198	0.0458	26
27	0.0518	0.0528	0.0308	0.0548	0.777	1.19	0.811	0.533	0.307	0.1418	0.0198	0.0408	27
28	0.0518	0.0548	0.0318	0.0558	0.727	2.89	0.896	0.513	0.353	0.1338	0.0198	0.0398	28
29	0.0508		0.0328	0.0578	0.768	3.53	0.826	0.483	0.295	0.1298	0.0188	0.0428	29
30	0.0488		0.0338	0.0588	0.862	4.18	0.857	0.504	0.283	0.1008	0.0198	0.0438	30
31	0.0488		0.0348		0.959		0.722	0.458		0.0888		0.0438	31
TOTAL	1.801	1.518	1.292	1.986	20.858	34.472	47.408	21.882	13.887	5.913	1.175	1.909	TOTAL
MEAN	0.052	0.054	0.042	0.062	0.867	1.15	1.53	0.899	0.462	0.191	0.033	0.049	MEAN
MAX	0.063	0.064	0.053	0.060	1.97	4.18	3.84	1.18	1.11	0.276	0.078	0.077	MAX
MIN	0.036	0.047	0.030	0.036	0.060	0.383	0.896	0.458	0.283	0.088	0.018	0.019	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.418
MAXIMUM DAILY, 4.18 ON JUN 30
MINIMUM DAILY, 0.0188 ON NOV 29
MAXIMUM INSTANTANEOUS,
5.48 AT 23:50 MST ON JUN 29

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 45 00 N
LONG 115 34 59 W
DRAINAGE AREA, 30.7 km²
R - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	139	JUL	4 100
FEB	131	AUG	1 670
MAR	112	SEP	1 200
APR	134	OCT	511
MAY	1 780	NOV	102
JUN	2 980	DEC	130

TOTAL DISCHARGE, 13 200 dam³

SIMONETTE RIVER NEAR GODDWIN - STATION NO. 07GF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.628	4.538	3.978	9.458	41.2	24.8	21.0	8.88	5.83	35.8	15.4	5.588	1
2	4.788	4.578	4.078	14.2 B	41.4	22.6	18.8	8.00	5.84	31.9	15.7	5.888	2
3	4.398	4.628	4.268	14.2 B	45.9	19.9	15.3	7.44	6.08	29.1	15.4	6.228	3
4	4.198	4.468	4.078	13.2 B	46.2	17.9	13.1	7.87	6.33	27.0	15.2	6.388	4
5	3.968	4.538	4.048	11.7 B	76.5	16.5	11.3	7.83	6.57	25.3	13.0	6.288	5
6	3.868	4.508	4.088	9.308	68.8	15.4	9.77	7.81	6.87	23.5	10.6 B	5.578	6
7	3.708	4.388	4.138	9.058	61.3	15.2	8.78	6.78	6.16	22.5	8.778	4.878	7
8	3.628	4.218	4.328	10.4 B	58.1	14.4	7.87	5.88	15.9	21.6	8.328	5.088	8
9	3.918	4.088	4.408	21.2 B	51.8	13.5	7.38	5.71	15.3	21.3	8.018	4.838	9
10	4.048	4.048	4.388	32.8 B	50.7	12.8	8.88	5.14	13.8	18.7	8.878	5.058	10
11	4.178	3.858	4.218	45.8 B	48.8	12.8	8.28	5.84	12.7	20.3	8.378	5.018	11
12	4.388	3.868	4.188	74.8 B	50.1	11.8	8.86	7.22	12.2	20.3	10.2 B	4.838	12
13	4.488	4.008	4.148	83.0 B	48.7	11.1	8.78	7.48	13.3	23.8	11.1 B	5.008	13
14	4.478	4.108	4.188	141 B	44.3	10.4	8.86	11.8	14.8	27.7	11.4 B	5.088	14
15	4.858	4.298	4.788	184 B	41.1	10.8	8.48	17.1	88.8	48.8	11.8 B	4.838	15
16	4.728	4.008	8.088	142	38.3	11.8	8.84	15.3	46.7	84.7	11.8 B	4.888	16
17	4.828	3.878	10.7 B	118	36.4	13.1	8.33	28.1	38.4	88.8	8.858	4.748	17
18	4.888	3.888	12.2 B	96.8	34.3	10.8	8.18	27.1	35.8	83.3	8.988	4.788	18
19	4.828	3.948	12.8 B	81.8	33.8	8.83	8.88	28.8	47.8	48.4	8.458	4.878	19
20	4.888	3.428	10.8 B	77.8	32.7	8.81	4.78	18.2	41.4	38.8	8.118	4.838	20
21	4.588	3.478	9.588	88.8	30.8	8.08	4.87	13.8	37.8	35.4	7.248	5.088	21
22	4.548	3.488	8.488	58.8	27.8	7.78	4.82	11.8	38.8	33.8	8.788	5.788	22
23	4.558	3.488	7.418	50.3	25.3	7.48	8.88	18.8	38.1	30.4	8.838	8.278	23
24	4.488	3.518	7.118	48.8	23.8	8.83	8.81	18.1	28.8	28.8	8.888	8.888	24
25	4.818	3.888	8.288	47.4	23.3	18.3	4.78	8.33	33.8	28.4	8.388	5.888	25
26	4.858	3.718	8.488	48.4	24.4	53.7	4.77	8.88	38.8	23.8	8.888	5.888	26
27	4.818	3.818	8.248	53.4	28.1	41.3	4.73	7.17	38.3	21.4	8.788	5.238	27
28	4.638	4.088	8.178	54.2	32.8	31.8	4.88	8.73	84.8	18.8	8.738	5.218	28
29	4.588		8.888	58.3	32.8	28.3	4.38	8.33	48.7	38.8	8.818	5.488	29
30	4.588		8.488	48.1	38.3	33.3	4.88	8.87	48.8	18.2	8.828	5.388	30
31	4.528		8.848		27.4		3.83	8.82		18.2		5.138	31
TOTAL	137.38	111.38	189.87	1 718.10	1 278.2	500.88	224.84	285.81	807.24	818.8	383.88	182.78	TOTAL
MEAN	4.43	3.98	6.12	57.2	41.2	16.7	7.25	9.88	28.8	28.8	8.48	8.98	MEAN
MAX	4.82	4.87	12.8	184	76.5	53.7	21.8	28.1	88.8	88.8	18.4	8.88	MAX
MIN	3.78	3.42	3.87	9.08	23.3	7.48	3.83	3.44	8.83	18.2	8.73	4.82	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.1
MAXIMUM DAILY, 1848 ON APR 15
MINIMUM DAILY, 3.428 ON FEB 20
MAXIMUM INSTANTANEOUS,
2080 AT 05:00 MST ON APR 15

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 04 30 N
LONG 118 10 30 W
DRAINAGE AREA, 5 050 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 800	JUL	19 400
FEB	9 630	AUG	28 800
MAR	18 400	SEP	68 700
APR	148 000	OCT	70 400
MAY	110 000	NOV	28 800
JUN	43 200	DEC	14 100

TOTAL DISCHARGE, 572 000 dam³

SLAVE RIVER AT FITZGERALD - STATION NO. 07RD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 510E	1 880E	1 900E	2 190E	5 860E	5 530	4 910	3 080	3 080	4 840E	3 970	3 180E	1
2	3 480E	1 820E	1 810E	2 140E	5 710E	5 500	4 880	3 030	3 080	4 800E	4 010	3 120E	2
3	3 350E	1 840E	1 820E	2 110E	5 770E	5 450	5 000	3 030	3 080	4 000E	3 780E	3 120E	3
4	3 380E	1 810E	1 830E	2 110E	6 130E	5 380	5 110	3 720	3 080	4 410E	3 740E	3 080E	4
5	3 370E	1 820E	1 840E	2 100E	6 280E	5 170	5 180	3 680	3 080	4 240E	3 710E	3 090E	5
6	3 360E	1 820E	1 850E	2 100E	6 100E	5 200	5 190	3 480	3 070	4 180E	3 840E	3 070E	6
7	3 390E	1 820E	1 850E	2 080E	6 280E	5 230	5 000	3 480	3 080	4 120E	3 870E	3 110E	7
8	3 400E	1 840E	1 810E	2 100E	6 020E	5 190	4 820	3 470	3 020	4 110E	3 820E	3 090E	8
9	3 410E	1 850E	1 780E	2 140E	6 180E	5 180	4 850	3 440	3 000	4 100E	3 850E	3 030E	9
10	3 420E	1 870E	1 730E	2 160E	5 800E	5 230	4 840	3 380	3 000	4 100E	3 820E	3 080E	10
11	3 440E	1 880E	1 710E	2 180E	5 000E	5 280	4 820	3 310	3 000	4 080E	3 820E	3 000E	11
12	3 430E	1 900E	1 700E	2 240E	5 000E	5 340	4 830	3 180	3 000	4 010E	3 880E	3 000E	12
13	3 450E	1 920E	1 700E	2 280E	5 870A	5 370	4 810	3 070	3 050	3 920E	3 850E	3 000E	13
14	3 870E	1 980E	1 730E	2 320E	5 850	5 380	4 850	3 020	3 020	3 900E	3 810E	2 980E	14
15	3 820E	2 000E	1 780E	2 370E	5 810	5 380	4 840	3 080	3 020	3 870E	3 880E	2 970E	15
16	3 880E	2 100E	1 780E	2 420E	5 840	5 130	4 370	2 950	3 440	3 820E	3 840E	2 880E	16
17	3 880E	2 170E	1 780E	2 510E	5 600	4 830	4 250	3 000	3 410	3 810E	3 810E	2 880E	17
18	3 700E	2 300E	1 780E	2 600E	5 380	4 790	4 290	3 010	3 430	3 800E	3 780E	2 840E	18
19	3 680E	2 200E	1 810E	2 690E	5 380	4 880	4 280	3 030	3 470	3 780	3 740E	2 880E	19
20	3 640E	2 300E	1 830E	2 810E	5 180	4 880	4 230	3 080	3 450	3 870	3 870E	2 870E	20
21	3 690E	2 080E	1 850E	2 970E	5 310	4 800	4 230	3 040	3 530	3 740	3 810E	2 830E	21
22	3 610E	2 060E	1 870E	3 180E	5 330	4 680	4 200	3 080E	3 820	3 820	3 880E	2 890E	22
23	3 340E	2 080E	1 930E	3 280E	5 200	4 880	4 120	3 080E	4 080E	3 830	3 780E	2 880E	23
24	3 330E	2 040E	1 870E	3 380E	5 140	4 880	4 030	3 110	4 400E	3 830	3 800E	2 880E	24
25	3 320E	2 000E	2 020E	3 480E	5 180	4 880	4 080	3 230	4 640E	3 890	3 830E	2 880E	25
26	3 340E	1 980E	2 060E	3 480E	5 240	4 810	4 080	3 380	4 780E	3 840	3 830E	2 880E	26
27	3 180E	1 850E	2 100E	3 500E	5 280	4 840	4 040	3 400	4 770E	3 720	3 840E	2 880E	27
28	3 180E	1 810E	2 180E	3 540E	5 300	4 880	3 910	3 430	4 780E	3 780	3 150E	3 400E	28
29	3 060E		2 300E	3 610E	5 480	4 930	3 830	3 530	4 780E	3 850	3 120E	3 420E	29
30	3 050E		2 220E	3 650E	5 800	4 910	3 740	3 630	4 640E	3 950	2 090E	3 440E	30
31	3 030E		2 210E		5 840		3 730	3 710		3 930		3 480E	31
TOTAL	94 280	64 740	66 270	75 890	157 280	153 680	139 030	102 780	114 490	123 280	95 010	73 180	TOTAL
MEAN	3 490	1 990	1 980	3 850	5 070	5 090	4 480	3 320	3 820	3 980	3 170	3 390	MEAN
MAX	3 700	2 300	2 220	3 850	5 000	5 530	5 190	3 720	4 640	4 880	4 010	3 480	MAX
MIN	3 030	1 800	1 700	2 080	5 080	4 880	3 730	2 950	3 400	3 830	2 090	2 130	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 380
MAXIMUM DAILY, 6 000E ON MAY 11
MINIMUM DAILY, 1 700E ON MAR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 53 20 N
LONG 111 35 00 W
DRAINAGE AREA, 606 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 420 000	JUL	12 000 000
FEB	4 730 000	AUG	6 860 000
MAR	5 030 000	SEP	9 890 000
APR	6 880 000	OCT	10 080 000
MAY	13 800 000	NOV	8 210 000
JUN	13 300 000	DEC	6 320 000

TOTAL DISCHARGE, 106 000 000 dam³

SMOKY RIVER ABOVE WELLS CREEK - STATION NO. 07GA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.6 B	10.20	15.8 B	14.0B	15.1	246	3800E	138	72.2	83.2	29.1	12.5 B	1
2	13.3 B	10.10	13.8 B	16.5B	17.8	236	3320E	140	67.1	81.5	28.1	13.0 B	2
3	13.0 B	10.00	17.3 B	13.4	28.8	267	3350E	131	65.2	84.8	28.3	13.5 B	3
4	12.8 B	11.60	17.0 B	11 B	32.0	281	3420E	141	73.1	84.8	27.2	13.8 B	4
5	11.8 B	12.10	16.2 B	11.7	30.7	282	3380E	133	74.4	83.8	33.2	14.3 B	5
6	10.8 B	11.80	15.7 B	11.4	28.8	285	3190E	113	70.2	81.2	27.4B	14.7 B	6
7	8.89B	11.20	17.4 B	10.6	31.2	239	2900E	111	84.6	68.3	27.8B	15.3 B	7
8	8.24B	10.70	17.8 B	10.7	33.8	206	2770E	118	82.3	61.4	25.8B	15.7 B	8
9	10.1 B	10.20	17.8 B	11.1	37.8	178	2900E	112	80.3	65.1	19.1B	16.3 B	9
10	10.7 B	10.68	18.1 B	11.6	40.0	154	3000E	102	81.3	64.4	18.8B	16.6 B	10
11	10.2 B	10.88	18.3 B	12.7	40.4	143	3070E	93.0	85.5	64.0	17.1B	16.8 B	11
12	13.6 B	10.70	20.4 B	14.0	38.3	178	2900E	101	79.5	62.6	23.1B	17.3 B	12
13	13.6 B	10.70	23.0 B	15.0	35.7	208	2840E	91.3	111	63.3	28.2B	17.6 B	13
14	13.8 B	11.00	22.1 B	21.3	44.0	208	3270E	87.0	111	62.1	30.1B	17.7 B	14
15	14.3 B	12.60	21.6 B	30.3	48.8	238	3060E	114	83.8	63.3	29.3B	17.8 B	15
16	14.3 B	14.00	21.3 B	31.8	56.1	195	1750E	106	86.7	68.8	26.8B	17.8 B	16
17	15.1 B	15.30	21.0 B	32.0	62.2	168	1430A	88.0	87.8	68.8	22.2B	17.8 B	17
18	13.1 B	15.60	20.0 B	31.1	126	2400E	161	97.8	86.8	63.3	18.6B	18.4 B	18
19	13.9 B	15.88	17.8 B	18.5	170	2850E	138	88.7	78.1	60.8	17.1B	18.0 B	19
20	13.6 B	15.78	16.8 B	18.8	188	2850E	144	89.8	76.2	61.7	27.0B	18.2 B	20
21	13.1 B	14.68	16.8 B	17.9	232	2800E	153	96.2	85.8	60.7	19.0B	13.7 B	21
22	14.4 B	15.18	14.6 B	16.8	273	2300E	188	88.4	78.4	60.4	18.3B	13.8 B	22
23	12.0 B	15.18	13.8 B	16.3	309	3200E	187	88.1	79.2	59.3	14.2B	13.8 B	23
24	13.8 B	15.48	13.0 B	16.8	301	3200E	187	98.0	88.3	57.3	13.7B	13.5 B	24
25	13.8 B	14.88	10.8 B	16.0	306	3140E	168	108	87.5	55.8	12.0B	11.8 B	25
26	14.8 B	14.48	9.41B	16.0	287	2900E	138	93.1	74.8	52.7	11.8B	9.18B	26
27	12.8 B	15.28	8.80B	15.7	238	2880E	133	83.8	76.8	54.0	11.8B	8.80B	27
28	10.1 B	17.78	9.07B	15.2	233	3200E	114	82.3	67.8	53.4	11.8B	8.00B	28
29	10.3 B		9.38B	15.3	238	3080E	114	81.4	68.8	59.3	11.8B	9.38B	29
30	10.4 B		9.63B	14.8	253	3080E	118	78.4	84.8	50.8	13.8B	10.8 B	30
31	10.3 B		10.1 B		249		131	73.8		39.7		39.0 B	31
TOTAL	387.01	388.0	480.36	473.8	4 081.7	7 216	8 707	3 176.7	2 388.8	1 835.8	635.8	491.33	TOTAL
MEAN	12.5	13.0	15.8	15.8	132	241	218	103	79.9	63.1	20.9	15.8	MEAN
MAX	15.1	17.7	23.1	32.0	309	388	380	141	111	83.2	30.1	39.0	MAX
MIN	8.24	10.1	8.80	10.7	15 1	143	114	73.8	68.3	39.7	11.8	8.00	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 79.4
MAXIMUM DAILY, 3880 ON JUN 30
MINIMUM DAILY, 8.000 ON DEC 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 58 48 N
LONG 118 58 30 W
DRAINAGE AREA, 3 060 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 290	JUL	572 000
FEB	21 800	AUG	276 000
MAR	03 600	SEP	193 000
APR	00 000	OCT	118 000
MAY	244 000	NOV	94 000
JUN	633 000	DEC	39 000

TOTAL DISCHARGE, 2 380 000 dam³

SMOKY RIVER AT WATINO - STATION NO. 07GJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	49.00	50.10	50.80	73.60	298	838A	895	316	170	906	293	96.30	1
2	51.50	50.30	47.90	84.00	281	861A	851	330	163	485	294	96.90	2
3	51.00	49.50	47.00	109 B	286	840A	752	324	156	433	196 B	99.10	3
4	50.50	47.50	46.00	133 B	369	810A	696	346	153	402	181 B	94.70	4
5	51.00	45.00	49.30	131 B	606	841A	657	341	154	374	181 B	95.00	5
6	52.00	44.00	50.20	108 B	558	838A	638	354	171	367	195 B	96.00	6
7	52.00	43.00	47.10	104 B	505	834A	618	362	185	330	133 B	87.00	7
8	51.00	41.00	43.20	110 B	457	777A	547	331	233	315	119 B	87.50	8
9	50.50	40.50	42.40	140 B	430	706A	488	324	215	292	116 B	87.00	9
10	50.50	39.40	43.70	191 B	425	630A	476	356	198	270	113 B	89.80	10
11	50.00	38.60	41.20	288 B	432	636A	461	359	190	265	108 B	88.90	11
12	51.00	40.00	39.40	438 B	432	685	484	334	185	273	106 B	87.00	12
13	52.00	43.00	39.00	576 B	422	663	474	317	227	278	104 B	86.20	13
14	53.50	40.00	38.40	708 B	394	589	448	323	331	292	96.70	85.00	14
15	52.00	38.00	43.20	784	376	588	381	353	670	315	103 B	85.10	15
16	53.30	38.00	46.30	748	377	609	331	347	647	287	104 B	86.80	16
17	54.30	36.00	56.20	676	380	635	311	354	584	470	117 B	88.40	17
18	52.00	37.00	70.40	602	415	628	305	337	587	493	113 B	89.20	18
19	51.00	38.40	88.70	558	560	670	312A	360	554	475	96.00	89.40	19
20	51.00	38.00	110 B	518	727	616	308A	317	508	436	86.70	93.90	20
21	51.20	38.00	96.30	483	801	655	284A	337	547	396	78.90	71.00	21
22	51.70	39.50	89.90	421	836	663	287A	388	508	378	77.70	85.70	22
23	52.50	40.50	78.80	386	913	585	308	382	570	362	74.30	92.40	23
24	49.50	42.00	70.20	327	971	510	323	348	576	339	85.00	87.70	24
25	49.00	44.00	66.30	336	972	497	314	330	538	331	85.00	85.30	25
26	51.30	46.90	63.00	339	1 030	767	317	338	530	287	84.10	83.00	26
27	51.00	49.30	64.30	333	980	867	290	327	527	272	87.50	75.00	27
28	50.60	51.40	64.90	343	903A	842	266	311	507	257	91.00	71.00	28
29	50.00		65.00	349	839A	816	262	189	531	238	88.40	86.00	29
30	50.00		62.50	337	857A	813	226	161	581	244	85.00	85.00	30
31	48.20		67.30		898A		215	178		230		80.40	31
TOTAL	1 587.1	1 181.9	1 836.3	10 048.2	18 804	20 407	13 483	7 788	12 074	10 741	3 290.1	2 130.9	TOTAL
MEAN	51.2	42.6	59.2	386	606	680	435	251	402	346	110	70.7	MEAN
MAX	54.3	51.4	110	784	1 030	868	866	367	670	906	296	92.4	MAX
MIN	48.2	38.9	39.0	73.6	281	483	215	174	153	230	84.1	80.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 284
MAXIMUM DAILY, 1 030 ON MAY 25
MINIMUM DAILY, 39.00 ON FEB 30
MAXIMUM INSTANTANEOUS,
1 030 AT 15:30 MST ON MAY 24

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 43 56 N
LONG 117 37 19 W
DRAINAGE AREA, 60 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	137 000	JUL	1 170 000
FEB	103 000	AUG	671 000
MAR	159 000	SEP	1 040 000
APR	870 000	OCT	926 000
MAY	1 610 000	NOV	284 000
JUN	1 760 000	DEC	183 000

TOTAL DISCHARGE, 8 970 000 dam³

SNAKE CREEK NEAR VULCAN - STATION NO. 05AC030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0.0230	0.031	0.013	0	0	0	0	0	0	---	1
2	---	0	0.0408	0.030	0.006	0	0	0	0	0.001	0	---	2
3	---	0	0.0308	0.028	0.004	0	0	0	0	0.001	0	---	3
4	---	0	0.1758	0.124	0.003	0	0	0	0	0.001	0A	---	4
5	---	0	0.1308	0.151	0.002	0	0	0	0	0	---	---	5
6	---	0	0.1008	0.101	0.001	0	0	0	0	0.001	---	---	6
7	---	0	0.0308	0.088	0	0	0	0	0	0.002	---	---	7
8	---	0	0.0708	0.048	"	0	0	0	0	0.002	---	---	8
9	---	0	0.0808	0.038	"	0	0	0	0	0.002	---	---	9
10	---	0	0.1508	0.031	0	0	0	0	0	0.002	---	---	10
11	---	0	0.3508	0.018	0	0	0	0	0	0.002	---	---	11
12	---	0	0.6378	0.012	0	0	0	0	0.013	0.001	---	---	12
13	---	0	0.7328	0.008	0	0	0	0	0.007	0.001	---	---	13
14	---	0	1.39 B	0.008	0	0	0	0	0.001	0.001	---	---	14
15	---	0	1.87 B	0.013	0	0	0	0	0	0.002	---	---	15
16	---	0	2.35 B	0.011	0	0	0	0	0	0.002	---	---	16
17	---	0	2.83 B	0.010	0	0	0	0	0	0.002	---	---	17
18	---	0	3.40	0.011	0	0	0	0	0	0.001	---	---	18
19	---	0	1.85	0.017	0	0	0	0	0	0.001	---	---	19
20	---	0	1.15	0.025	0	0	0	0	0	0	---	---	20
21	---	0	0.804	0.045	0	0	0	0	0.001	0	---	---	21
22	---	0.0018	0.585	0.025	0	0	0	0	0	0	---	---	22
23	---	0.0048	0.388	0.008	0	0	0	0	0	0	---	---	23
24	---	0.0088	0.228	0.013	0	0	0	0	0	0	---	---	24
25	---	0.0158	0.148	0.051	0	0	0	0	0.001	0	---	---	25
26	---	0.0228	0.100E	0.051	0	0	0	0	0.001	0	---	---	26
27	---	0.0708	0.060E	0.100	0	0	0	0	0.001	0	---	---	27
28	---	0.1358	0.050E	0.148	0	0	0	0	0	0	---	---	28
29	---		0.050A	0.088	0	0	0	0	0	0	---	---	29
30	0A		0.042	0.034	0	0	0	0	0	0	---	---	30
31	0		0.038		0		0	0		0		---	31
TOTAL	---	0.304	18.785	1.349	0.039	0	0	0	0.035	0.035	---	---	TOTAL
MEAN	---	0.008	0.606	0.045	0.001	0	0	0	0.001	0.001	---	---	MEAN
MAX	---	0.135	3.88	0.181	0.013	0	0	0	0.013	0.002	---	---	MAX
MIN	---	0	0.033	0.008	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.070
MAXIMUM DAILY, 3.880 ON MAR 17
MINIMUM DAILY, 0 ON FEB 1
MAXIMUM INSTANTANEOUS,
4.310 AT 10:40 MST ON MAR 17

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 30 N
LONG 113 04 45 W
DRAINAGE AREA, 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	81.8	AUG	0
MAR	1 620	SEP	2 160
APR	717	OCT	2 160
MAY	2.61	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 770 dam³

SNAKE INDIAN RIVER NEAR THE MOUTH - STATION NO. 07AB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	6 45E	67 4	115	35.3	23 4	16 8	12 8A	---	1
2	---	---	---	---	7 50E	66 9	92 8	37 8	22.2	16 6	12 5A	---	2
3	---	---	---	---	10 5 E	77 0	85 3	39 2	21.1	16 2	---	---	3
4	---	---	---	---	14 3 A	82.3	84 8	38.7	22 0	17.8	---	---	4
5	---	---	---	---	13 9 E	82.5	88.0	38.1	22 4	16.9	---	---	5
6	---	---	---	---	13 0 E	75 9	81 1	33.6	23.8	16 7	---	---	6
7	---	---	---	---	12 5 E	67 5	70 6	32 7	23 0	16 3	---	---	7
8	---	---	---	---	12 9 E	67 1	65 7	41 0	21.3	16 0	---	---	8
9	---	---	---	---	13 3 E	65 7	65 4	42 0	20.5	15.1	---	---	9
10	---	---	---	---	14 0 A	39 9	68 8	37 2	20.6	14 0	---	---	10
11	---	---	---	---	13 7 E	38.8	70 0	33 7	22 4	14 9	---	---	11
12	---	---	---	---	13 6 E	40 7	66 3	31 6	23.4	14 7	---	---	12
13	---	---	---	---	13 5 E	45 5	58 0	31 0	38.6	14.6	---	---	13
14	---	---	---	---	13 3 A	52 7	46 9	28 6	40 4	14 4	---	---	14
15	---	---	---	---	13 4 A	60 0	44 1	31 7	35.6	14.1	---	---	15
16	---	---	---	---	15 9	53 7	43 9	33 3	31 7	14 1	---	---	16
17	---	---	---	---	23 3	44 6	43 3	31 3	30 0	14.3	---	---	17
18	---	---	---	---	34 7	46 1	43 0	29 6	27 8	15.0	---	---	18
19	---	---	---	---	46 5	62 6	41 6	29 7	26 5	15.8	---	---	19
20	---	---	---	---	56 5	75 5	42 0	32 2	24 5	15.4	---	---	20
21	---	---	---	---	65 1	86 2	43 3	34 4	23 6	14.5	---	---	21
22	---	---	---	---	78 9	96 5	45 6	32 4	22.9	14.2	---	---	22
23	---	---	---	---	94 6	92 0	45 2	31 4	21 4	14 7	---	---	23
24	---	---	---	---	90 9	83 7	44 2	31 8	20 6	14 7	---	---	24
25	---	---	---	6 985	102	92 0	41 5	32 6	20 2	14 4	---	---	25
26	---	---	---	6 808	107	94 6	38 1	31 1	20 7	14.2	---	---	26
27	---	---	---	6 558	98 9	86 7	35 2	27 6	21 5	13 5	---	---	27
28	---	---	---	6 508	86 1	83 8	32 6	26 3	20 4	13 1	---	---	28
29	---		---	6 408	71 1	97 5	31 9	25 4	19.6	12 6A	---	---	29
30	---		---	6 108	78 4	120	32 5	25 4	19.2	12 6A	---	---	30
31	---		---		73 9		33 4	24 6		12 7A		---	31
TOTAL	---	---	---	---	1 244 85	1 892 1	1 743 0	1 011.0	733.3	467.2	---	---	TOTAL
MEAN	---	---	---	---	40 2	63 1	56 2	32 6	24.4	15.1	---	---	MEAN
MAX	---	---	---	---	102	120	115	42 0	40 4	18 8	---	---	MAX
MIN	---	---	---	---	6 45	38.8	31.9	24 6	19.2	12.5	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38 5
MAXIMUM DAILY, 120 ON JUN 30
MINIMUM DAILY, 6 45E ON MAY 1
MAXIMUM INSTANTANEOUS,
131 AT 01:85 MST ON JUL 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 38 N
LONG 116 01 56 W
DRAINAGE AREA, 1 550 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	151 000
FEB	---	AUG	97 400
MAR	---	SEP	83 400
APR	---	OCT	40 400
MAY	108 000	NOV	---
JUN	183 000	DEC	---

TOTAL DISCHARGE, 613 000 dam³

SOUNDING CREEK NEAR CHINOOK - STATION NO. 05EA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 300B	0.035	0.003	0	0	0	0	0	---	1
2	---	---	0B	3 55 B	0.031	0.002	0	0	B	0	0	---	2
3	---	---	0B	3 63 B	0.026	0.001	0	0	B	0	0	---	3
4	---	---	0B	3 04 B	0.026	0.002	0	0	B	0	0	---	4
5	---	---	0B	2 76 B	0.022	0.002	0	0	B	0	0A	---	5
6	---	---	0B	2 37 B	0.019	0.001	0	0	0	0	---	---	6
7	---	---	0B	1 61 B	0.016	0	0	0	0	0	---	---	7
8	---	---	0B	1 16 B	0.014	0	0	0	0	0	---	---	8
9	---	---	0B	1 10 B	0.013	0	0	0	0	0	---	---	9
10	---	---	0B	0.849	0.011	0	0	0	0	0	---	---	10
11	---	---	0B	0.851	0.012	0	0	0	0	0	---	---	11
12	---	---	0B	0.530	0.015	0	0	0	0	0	---	---	12
13	---	---	0B	0.383	0.018	0	0	0	0	0	---	---	13
14	---	---	0B	0.405	0.014	0	0	0	0	0	---	---	14
15	---	---	0B	0.385	0.011	0	0	0	0	0	---	---	15
16	---	---	0B	0.243	0.008	0	0	0	0	0	---	---	16
17	---	---	0B	0.193	0.006	0	0	0	0	0	---	---	17
18	---	---	0B	0.160	0.004	0	0	0	0	0	---	---	18
19	---	---	0B	0.168	0.002	0	0	0	0	0	---	---	19
20	---	---	0B	0.188	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.272	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.244	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.168	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.103	0.001	0	0	0	0	0	---	---	24
25	---	0B	0B	0.133	0.002	0	0	0	0	0	---	---	25
26	---	0B	0B	0.134	0.002	0	0	0	0	0	---	---	26
27	---	0B	0B	0.087	0.001	0	0	0	0	0	---	---	27
28	---	0B	0B	0.088	0.003	0	0	0	0	0	---	---	28
29	---		0B	0.052	0.005	0	0	0	0	0	---	---	29
30	---		0B	0.040	0.006	0	0	0	0	0	---	---	30
31	---		0B		0.006		0	0		0		---	31
TOTAL	---	---	0	35.304	0.331	0.011	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.843	0.011	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	3.83	0.035	0.003	0	0	0	0	---	---	MAX
MIN	---	---	0	0.040	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.105
MAXIMUM DAILY, 3.830 ON APR 3
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 32 52 N
LONG 110 55 11 W
DRAINAGE AREA, 2 290 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	2 190	OCT	0
MAY	28.6	NOV	---
JUN	0.05	DEC	---

TOTAL DISCHARGE, 2 220 dam³

SOUNDING CREEK NEAR OYEN - STATION NO 05GA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.72 B	0.077	0.001	0	0	0	0	0	---	1
2	---	---	0 B	2.16 B	0.057	0.001	0	0	0	0	0	---	2
3	---	---	0 B	5.13 B	0.047	0.002	0	0	0	0	0	---	3
4	---	---	0 B	4.33 B	0.039	0.002	0	0	0	0	0	---	4
5	---	---	0 B	3.21 B	0.031	0.001	0	0	0	0	0A	---	5
6	---	---	0 B	3.82	0.032	0.001	0	0	0	0	---	---	6
7	---	---	0 B	3.44	0.031	0.001	0	0	0	0	---	---	7
8	---	---	0 B	4.50	0.032	0.001	0	0	0	B	---	---	8
9	---	---	0 B	4.28	0.042	0.001	0	0	0	B	---	---	9
10	---	---	0 B	3.71	0.042	0.001	0	0	0	0	---	---	10
11	---	---	0 B	3.12	0.037	0.001	0	0	0	0	---	---	11
12	---	---	0 B	2.30	0.044	0.002	0	0	0	B	---	---	12
13	---	---	0 B	1.78	0.050	0.003	0	0	0	0	---	---	13
14	---	---	0 B	1.33	0.046	0.003	0	0	0	0	---	---	14
15	---	---	0 B	0.921	0.031	0.003	0	0	0	0	---	---	15
16	---	---	0 B	0.889	0.018	0.003	0	0	0	B	---	---	16
17	---	---	0 B	0.801	0.007	0.003	0.001	0	0	B	---	---	17
18	---	---	0 B	0.921	0.002	0.002	0.003	0	0	0	---	---	18
19	---	---	0.0028	0.466	0	0.002	0.002	0	0	B	---	---	19
20	---	---	0.0058	0.425	0	0.002	0.001	0	0	0	---	---	20
21	---	---	0.0068	0.433	0	0.002	0	0	0	B	---	---	21
22	---	---	0.0108	0.392	0	0.002	0	0	0	B	---	---	22
23	---	---	0.0288	0.292	0	0.002	0	0	0	B	---	---	23
24	---	---	0.0468	0.256	0	0.001	0	0	0	B	---	---	24
25	---	0B	0.0648	0.337	0	0	0	0	0	0	---	---	25
26	---	0B	0.0738	0.267	0	0	0	0	0	B	---	---	26
27	---	0B	0.0828	0.221	0	0	0	0	0	B	---	---	27
28	---	0B	0.0908	0.189	0	0	0	0	0	B	---	---	28
29	---		0.1188	0.162	0.001	0	0	0	0	B	---	---	29
30	---		0.2408	0.105	0.001	0	0	0	0	0	---	---	30
31	---		0.9788		0.001		0	0		0		---	31
TOTAL	---	---	1.844	49.576	0.639	0.043	0.007	0	0	B	---	---	TOTAL
MEAN	---	---	0.059	1.65	0.021	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0.978	5.13	0.077	0.003	0.002	0	0	0	---	---	MAX
MIN	---	---	0	0.105	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.214
MAXIMUM DAILY, 5.130 ON APR 3
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 55 N
LONG 110 28 25 W
DRAINAGE AREA, 3 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.80
FEB	---	AUG	0
MAR	159	SEP	0
APR	4 310	OCT	0
MAY	55.2	NOV	---
JUN	3.72	DEC	---

TOTAL DISCHARGE, 4 530 dam³

SOUSA CREEK NEAR HIGH LEVEL - STATION NO 07DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0038	0.0458	9.949	2.94	0.453	0.301	0.503	1.89	---	---	1
2	---	---	0.0010	0.0428	11.7	2.38	0.403	0.226	0.574	1.72	---	---	2
3	---	---	0 B	0.0418	14.6	2.04	0.406	0.154	0.564	1.63	---	---	3
4	---	---	0 B	0.0458	18.5	1.83	0.351	0.130	0.557	1.62	---	---	4
5	---	---	0 B	0.0738	33.3	1.66	0.354	0.198	0.552	1.50	---	---	5
6	---	---	0 B	0.0468	37.0	2.13	0.354	0.274	0.527	1.50	---	---	6
7	---	---	0 B	0.0388	32.9	2.52	0.320	0.282	0.480	1.60	---	---	7
8	---	---	0 B	0.0458	33.4	2.02	0.302	0.236	0.423	1.61	---	---	8
9	---	---	0 B	0.0288	30.8	1.84	0.241	0.191	0.393	1.61	---	---	9
10	---	---	0 B	0.1998	27.5	1.61	0.247	0.187	0.372	1.71	---	---	10
11	---	---	0 B	0.2358	24.2	1.24	0.220	0.128	0.418	1.70	---	---	11
12	---	---	0 B	0.2178	21.1	1.06	0.172	0.096	0.386	1.67	---	---	12
13	---	---	0 B	0.2568	18.8	0.930	0.148	0.088	0.340	1.62	---	---	13
14	---	---	0 B	0.7868	16.8	0.788	0.127	0.098	0.331	1.61	---	---	14
15	---	---	0 B	3.15 B	14.8	0.784	0.079	0.266	0.321	1.46	---	---	15
16	---	---	0.0018	4.59 B	13.0	1.15	0.066	0.481	0.328	1.42	---	---	16
17	---	---	0.0028	4.86 B	11.8	1.24	0.034	0.574	1.76	1.40	---	---	17
18	---	---	0.0028	4.86 B	10.7	1.10	0.032	0.833	1.78	1.41	---	---	18
19	---	---	0.0058	5.89 B	9.83	0.931	0.038	0.481	1.81	1.43	---	---	19
20	---	---	0.0058	5.80 B	9.29	0.793	0.023	0.437	1.82	1.77	---	---	20
21	---	---	0.0038	6.84 B	8.04	0.677	0.030	0.380	1.82	1.77	---	---	21
22	---	---	0.0018	6.46 B	7.08	0.603	0.156	0.360	1.83	1.76	---	---	22
23	---	---	0 B	6.64 B	6.24	0.630	0.174	0.324	1.87	1.878	---	---	23
24	---	---	0 B	6.13 B	5.46	0.748	0.250	0.308	1.98	1.648	---	---	24
25	---	---	0 B	6.80 B	4.86	0.718	0.272	0.417	2.24	1.958	---	---	25
26	---	---	0 B	7.74 B	4.36	0.597	0.880	0.880	2.34	1.838	---	---	26
27	---	---	0 B	7.85 B	3.83	0.518	1.16	0.824	2.38	1.888	---	---	27
28	---	0.0058	0 B	7.47 B	3.48	0.474	1.16	0.778	2.16	1.418	---	---	28
29	---		0 B	8.15 B	3.08	0.458	0.748	0.719	2.06	1.308	---	---	29
30	---		0.0088	8.83 B	2.88	0.488	0.848	0.881	1.98	1.208	---	---	30
31	---		0.0308		2.81		0.615	0.909		1.108		---	31
TOTAL	---	---	0.079	103.109	430.82	35.906	10.611	11.384	35.818	49.00	---	---	TOTAL
MEAN	---	---	0.003	3.44	13.9	1.20	0.333	0.367	1.19	1.58	---	---	MEAN
MAX	---	---	0.050	8.83	33.4	2.94	1.16	0.824	2.38	1.98	---	---	MAX
MIN	---	---	0	0.028	2.81	0.458	0.023	0.068	0.321	1.10	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.78
MAXIMUM DAILY, 33.4 ON MAY 6
MINIMUM DAILY, 0B ON MAR 3
MAXIMUM INSTANTANEOUS,
33.9 AT 10:30 MST ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 36 00 N
LONG 118 39 00 W
DRAINAGE AREA, 819 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	855
FEB	---	AUG	884
MAR	8.63	SEP	3 050
APR	8 910	OCT	4 330
MAY	37 200	NOV	---
JUN	3 100	DEC	---

TOTAL DISCHARGE, 59 400 dam³

SOUTH FORK MILK RIVER NEAR BABB - STATION NO 11AA033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0288	1.13 B	1.33	3.00	0.538	0.144	0.108	0.623	---	---	1
2	---	---	0.0288	3.96 B	1.33	2.24	0.453	0.108	0.089	0.595	---	---	2
3	---	---	0.0288	4.02	1.47	2.12	0.396	0.122	0.108	0.623	---	---	3
4	---	---	0.0288	3.04	1.56	1.76	0.366	0.122	0.133	0.793	---	---	4
5	---	---	0.0288	1.81	1.39	1.53	0.311	0.122	0.195	0.821	---	---	5
6	---	---	0.0288	1.42	1.19	1.30	0.311	0.116	0.340	0.793	---	---	6
7	---	---	0.0288	1.16	1.10	1.19	0.278	0.108	0.680	0.906	---	---	7
8	---	---	0.0288	1.16	1.05	1.73	0.283	0.089	0.680	0.906	---	---	8
9	---	---	0.0288	1.64	1.02	2.16	0.278	0.133	0.934	0.821	---	---	9
10	---	---	0.0288	2.38	0.963	1.56	0.263	0.207	1.19	0.708	---	---	10
11	---	---	0.0288	2.11	0.906	1.50	0.235	0.366	0.963	1.13	---	---	11
12	---	---	0.0288	2.52	0.878	1.33	0.221	0.481	1.03	1.39	---	---	12
13	---	---	0.0288	2.94	0.793	1.16	0.195	0.680	1.64	1.10	---	---	13
14	---	---	0.0578	3.31	0.765	1.02	0.207	0.595	0.906	1.05	---	---	14
15	---	---	0.0866	2.92	0.765	0.963	0.221	0.453	0.623	1.47	---	---	15
16	---	---	0.1439	2.10	0.765	0.906	0.235	0.736	0.453	1.59	---	---	16
17	---	---	0.2439	1.81	0.736	0.850	0.235	0.765	0.481	1.33	---	---	17
18	---	---	0.4259	1.64	0.708	0.793	0.278	0.453	1.61	1.08	---	---	18
19	---	---	0.5668	1.67	0.680	0.765	0.311	0.311	1.73	0.906	---	---	19
20	---	---	0.6508	1.90	0.651	0.793	0.263	0.311	1.10	0.850	---	---	20
21	---	---	0.9918	1.10	0.651	1.42	0.221	0.425	0.934	0.765	---	---	21
22	---	---	0.9068	0.906	0.651	1.22	0.181	0.425	1.19	0.765	---	---	22
23	---	---	0.8508	0.821	0.651	0.850	0.122	0.368	1.03	0.821	---	---	23
24	---	---	0.7088	0.765	0.623	0.736	0.195	0.311	0.906	0.906	---	---	24
25	---	---	0.5669	0.736	0.680	0.680	0.263	0.263	0.765	1.44	---	---	25
26	---	---	0.4258	0.765	0.821	0.680	0.249	0.181	0.708	3.95	---	---	26
27	---	---	0.3968	0.736	1.02	0.680	0.207	0.144	0.850	1.59	---	---	27
28	---	---	0.3118	0.934	0.934	0.623	0.156	0.144	0.850	1.22	---	---	28
29	---		0.2838	1.33	0.934	0.566	0.144	0.170	0.708	1.13 A	---	---	29
30	---		0.3118	1.39	5.14	0.566	0.156	0.181	0.651	0.9915	---	---	30
31	---		0.3409		5.40		0.133	0.133		0.8508		---	31
TOTAL	---	---	8.831	53.933	39.585	36.781	7.907	8.179	24.745	32.483	---	---	TOTAL
MEAN	---	---	0.285	1.80	1.28	1.23	0.255	0.298	0.825	1.05	---	---	MEAN
MAX	---	---	0.991	4.02	5.40	3.00	0.538	0.765	1.93	2.95	---	---	MAX
MIN	---	---	0.029	0.736	0.623	0.566	0.122	0.089	0.089	0.595	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.671
MAXIMUM DAILY, 5.40 ON MAY 31
MINIMUM DAILY, 0.0288 ON MAR 1
MAXIMUM INSTANTANEOUS,
11.8 AT 21:00 MST ON MAY 30

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 45 16 N
LONG 113 10 00 W
DRAINAGE AREA, 181 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	683
FEB	---	AUG	783
MAR	783	SEP	2 140
APR	4 880	OCT	3 810
MAY	3 430	NOV	---
JUN	3 180	DEC	---

TOTAL DISCHARGE, 19 400 dam³

SOUTH HEART RESERVOIR NEAR MCLENNAN - STATION NO 07BF003

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.980E	3.283	3.821	3.836	3.702	3.487	3.358	3.443	---	---	1
2	---	---	2.980E	3.287	3.800	3.833	3.684	3.456	3.354	3.448	---	---	2
3	---	---	2.980E	3.292	3.848	3.817	3.676	3.450	3.358	3.490	---	---	3
4	---	---	2.968E	3.329	3.864	3.796	3.678	3.446	3.358	3.470	---	---	4
5	---	---	2.968E	3.362	4.031	3.781	3.656	3.435	3.370	3.480	---	---	5
6	---	---	2.968E	3.381	4.092	3.796	3.631	3.440	3.367	3.487	---	---	6
7	---	---	2.969A	3.400	4.136	3.778	3.640	3.442	3.369	3.484	---	---	7
8	---	---	2.978	3.422	4.182	3.767	3.636	3.432	3.365	3.486	---	---	8
9	---	---	2.988	3.488	4.218	3.757	3.626	3.423	3.363	3.486	---	---	9
10	---	---	2.988	3.930	4.248	3.754	3.623	3.412	3.360	3.505	---	---	10
11	---	---	2.948	3.966	4.265	3.765	3.596	3.401	3.337	3.519	---	---	11
12	---	---	2.932	3.814	4.267	3.736	3.592A	3.398	3.341	3.523	---	---	12
13	---	---	2.918	3.871	4.299	3.733	3.592A	3.388	3.341	3.537	---	---	13
14	---	---	2.907	3.738	4.273	3.729	3.576	3.400	3.336	3.543	---	---	14
15	---	---	2.898	3.806	4.259	3.674	3.570	3.410	3.335	3.557	---	---	15
16	---	---	2.884	3.871	4.248	3.722	3.562	3.421	3.352	3.559	---	---	16
17	---	---	2.888	3.834	4.220	3.733	3.555	3.423	3.378	3.564	---	---	17
18	---	---	2.853	3.882	4.195	3.733	3.545	3.420	3.381	3.562	---	---	18
19	---	---	2.814	3.864	4.156	3.718	3.535	3.409	3.377	3.597	---	---	19
20	---	---	2.770	3.111	4.125	3.720	3.526	3.410	3.373	3.594	---	---	20
21	---	---	2.730	3.173	4.084	3.724	3.521	3.413	3.381	3.618	---	---	21
22	---	---	2.692	3.218	4.058	3.713	3.506	3.387	3.397	3.627	---	---	22
23	---	---	2.666	3.266	4.010	3.710	3.507	3.393	3.389	3.627	---	---	23
24	---	---	2.616	3.318	3.990	3.721	3.502	3.401	3.406	3.642	---	---	24
25	---	---	2.574	3.368	3.982	3.711	3.490	3.389	3.411	3.648	---	---	25
26	---	---	2.537	3.426	3.990	3.710	3.481	3.378	3.432	3.670	---	---	26
27	---	---	2.497	3.494	3.931	3.710	3.489	3.388	3.430	3.680	---	---	27
28	---	---	2.490	3.571	3.906	3.737	3.469	3.385	3.433	3.684	---	---	28
29	---		2.493	3.632	3.886	3.738	3.467	3.370	3.432	3.691	---	---	29
30	---		2.356	3.741	3.886	3.719	3.467	3.384	3.444	3.707	---	---	30
31	---		2.313		3.886		3.478	3.381		3.713A		---	31
MEAN	---	---	2.708	3.578	4.078	3.744	3.569	3.410	3.378	3.670	---	---	MEAN
MAX	---	---	2.980	3.741	4.299	3.838	3.702	3.487	3.444	3.713	---	---	MAX
MIN	---	---	2.313	3.283	3.831	3.674	3.478	3.381	3.339	3.443	---	---	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MAXIMUM DAILY, 4.299 ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 00 N
LONG 110 39 00 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED
DRAINAGE AREA,
2 000 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 922.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SOUTH SASKATCHEWAN RIVER AT HIGHWAY NO. 41 - STATION NO. 05AK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	36.0B	56.0B	67.5B	130 B	73.5	237	72.2	34.7	38.7	63.3	177	80.0B	1
2	39.5B	55.0B	68.5B	128 B	74.0	310	60.8	33.6	34.8	65.5	186	80.5B	2
3	45.0B	50.0B	71.0B	149 B	55.1A	285	53.4	33.5	27.8	60.7	192	81.5B	3
4	48.5B	45.0B	75.5B	172 B	50.0E	277	48.5	33.6	24.9	55.9	203	83.5B	4
5	50.0B	39.0B	78.0B	180 B	60.3E	283	44.9	33.1	21.7	52.2	198	85.0B	5
6	51.0B	43.0B	79.5B	181 B	66.0E	277	40.7	33.0	20.0	106	190	86.0B	6
7	52.0B	46.0B	81.0B	182 B	73.1E	255	37.1	30.2	19.3	134	183	70.0B	7
8	52.5B	46.5B	83.5B	183 E	84.7E	234	35.2	27.4	18.9	114	190 B	74.0B	8
9	52.5B	50.0B	85.0B	187 E	103 A	217	33.7	25.7	22.8	105	185 B	77.0B	9
10	52.0B	51.0B	86.0B	185 A	97.2	194	31.7	25.8	35.1	98.4	187 B	80.0B	10
11	51.0B	51.5B	87.5B	163 E	77.7	158	30.7	31.2	34.8	92.5	178 B	85.0B	11
12	50.5B	55.0B	89.0B	133 E	71.6	193	28.4	33.6	33.8	86.7	168 B	80.0B	12
13	50.0B	53.5B	90.5B	126 E	79.6	232	28.1	34.3	35.1	84.5	84.0B	85.0B	13
14	49.5B	53.0B	92.5B	122 E	83.8	245	28.0	34.3	34.3	78.1	81.1B	100 B	14
15	49.0B	52.5B	94.5B	111 E	80.6	223	28.3	37.3	40.3	76.8	86.0B	105 B	15
16	49.5B	53.5B	96.5B	106 E	92.3	202	28.4	38.4	38.5	81.6	84.5B	110 B	16
17	50.5B	54.0B	99.0B	83.7E	96.0	171	28.6	44.1	257	102	81.7B	115 B	17
18	52.5B	54.5B	100 B	84.5A	88.3	143	27.5	45.7	311	96.7	81.8B	118 B	18
19	54.5B	55.0B	104 B	121 A	101	124	32.4	49.6	260	91.3	129 B	119 B	19
20	55.0B	57.0B	110 B	135 E	100	109	33.9	46.0	226	91.2	114 B	120 B	20
21	54.0B	58.5B	113 B	127 E	99.6	96.5	33.0	43.5	200	105	128 B	120 B	21
22	53.0B	59.5B	114 B	116 A	118	99.1	33.3	47.1	173	112	100 B	120 B	22
23	52.5B	60.5B	122 B	113	148	112	32.5	54.1	147	121	76.0B	120 B	23
24	53.0B	61.0B	127 B	106	182	102	30.6	55.0	136	135	87.0B	119 B	24
25	53.5B	62.0B	136 B	105	210	85.3	32.1	47.8	126	136	83.5B	114 B	25
26	54.5B	62.5B	147 B	103	225	80.0	42.3	57.1	106	137	81.5B	116 B	26
27	55.5B	62.5B	150 B	95.3	257	89.2	45.2	53.6	94.2	147	80.5B	115 B	27
28	56.5B	64.0B	149 B	88.4	260	114	46.3	47.3	87.0	152	89.5B	114 B	28
29	58.0B		145 B	85.4	310	98.9	44.1	45.5	77.4	154	99.0B	112 B	29
30	58.5B		140 B	82.3	370	86.4	40.3	44.4	72.1	166	98.5B	110 B	30
31	59.0B		132 B		368		37.8	37.4		178		108 B	31
TOTAL	1 801.5	1 512.5	3 227.5	3 743.0	4 183.2	5 447.5	1 166.2	1 256.2	2 767.9	3 291.4	3 676.0	3 008.5	TOTAL
MEAN	51.7	54.0	104	125	135	182	37.6	40.5	91.9	106	123	97.0	MEAN
MAX	59.0	64.0	150	187	370	337	72.2	84.1	311	178	203	120	MAX
MIN	36.0	39.0	67.5	84.5	50.0	80.0	25.8	27.4	18.9	52.2	56.0	80.0	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 93.6
MAXIMUM DAILY, 370 ON MAY 30
MINIMUM DAILY, 18.9 ON SEP 8
MAXIMUM INSTANTANEOUS,
38 AT 17:27 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 15 N
LONG 110 05 45 W
DRAINAGE AREA, 66 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	138 000	JUL	101 000
FEB	131 000	AUG	109 000
MAR	279 000	SEP	238 000
APR	323 000	OCT	284 000
MAY	362 000	NOV	318 000
JUN	471 000	DEC	260 000

TOTAL DISCHARGE, 3 010 000 dam³

SOUTH SASKATCHEWAN RIVER AT MEDICINE HAT - STATION NO. 05AJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.0B	50.0B	69.0B	144	49.4	304	55.0	31.1	31.2	63.8	192	81.5B	1
2	46.5B	45.0B	73.5B	168	44.4	276	49.9	30.5	17.6	56.7	202	83.5B	2
3	50.0B	39.0B	76.0B	175	58.4	278	46.5	31.7	15.5	61.0	198	85.0B	3
4	51.0B	43.0B	77.5B	168	83.3	294	42.5	30.5	13.6	54.8	190	83.0B	4
5	52.0B	46.0B	79.5B	167	75.6	277	40.0	28.2	13.1	150	183	70.0B	5
6	52.0B	46.5B	81.5B	154	81.4	248	37.1	27.4	11.8	118	190	74.0B	6
7	52.0B	50.0B	83.0B	182	100	235	35.0	28.2	25.0	106	185	77.0B	7
8	52.0B	51.0B	84.0B	150	107	204	30.6A	26.7	38.6	101	186 B	80.0B	8
9	51.0B	51.5B	85.5B	133	90.1	172	28.9A	27.6	37.0	95.7	178 B	85.0B	9
10	50.5B	52.0B	87.0B	125	72.7	142	28.4A	28.5	37.1	90.2	168 B	90.0B	10
11	50.0B	53.0B	88.5B	121	73.3	206	28.4A	28.0	28.7	88.0	84.4B	95.0B	11
12	49.0B	53.0B	90.5B	117	80.8	235	34.8A	30.8	27.0	82.1	81.1B	100 B	12
13	48.0B	53.5B	92.5B	108	77.6	253	34.8E	32.0	38.3	80.2	84.0B	105 B	13
14	49.5B	53.5B	95.5B	98.5	86.5	264	35.2E	35.0	38.3	78.3	84.5B	110 B	14
15	50.5B	54.0B	97.0B	78.7	91.0	194	36.8A	41.4	52.4	100	81.7B	115 B	15
16	52.5B	54.5B	101 B	89.5	93.1	191	38.2A	42.0	270	104	81.8B	118 B	16
17	54.5B	55.0B	103 B	118	87.1	134	31.4	47.5	278	98.7	128 B	118 B	17
18	56.0B	57.0B	106 B	130	88.7	111	33.8	42.4	237	93.5	118 B	120 B	18
19	54.0B	56.5B	108 B	122	86.6	84.6	31.7	38.3	190	100	128 B	120 B	19
20	53.0B	58.5B	113 B	113	104	91.1	33.6	37.6	165	111	100 B	120 B	20
21	53.5B	60.5B	120 B	106	128	88.0	31.3	41.2	141	118	76.0B	120 B	21
22	53.0B	61.0B	125 B	101	150	104	30.6	51.6	123	128	87.0B	119 B	22
23	53.5B	62.0B	135 B	100	178	87.6	32.6	42.8	116	138	83.5B	118 B	23
24	54.5B	63.5B	145 B	95.0	200	76.2	46.5	35.0	108	135	81.5B	118 B	24
25	55.5B	62.5B	148 B	91.3	213	71.3	48.4	50.0	95.3	140	80.5B	118 B	25
26	56.5B	64.0B	147 B	83.6	248	103	51.0	42.9	87.0	145	89.5B	114 B	26
27	56.0B	65.5B	144 B	80.4	244	89.2	45.4	41.5	78.5	153	88.0B	112 B	27
28	56.5B	66.0B	138 B	77.5	209	86.0	40.2	40.2	73.7	165	83.5B	110 B	28
29	58.0B		130 B	87.3	201	73.9	36.1	36.0	84.7	178	80.0B	106 B	29
30	56.0B		126 B	88.1	209	83.5	32.0	36.1	88.0	178	80.5B	105 B	30
31	55.0B		123 B		329		31.0	37.5		168		104 B	31
TOTAL	1 637.0	1 531.5	3 288.5	3 478.5	4 373.2	4 932.1	1 102.4	1 180.9	2 504.5	3 478.0	3 430.5	3 086.0	TOTAL
MEAN	52.8	54.7	106	116	141	164	35.6	37.1	85.5	112	114	99.9	MEAN
MAX	59.0	66.0	148	182	329	304	55.0	51.6	270	168	202	120	MAX
MIN	45.0	39.0	69.0	83.5	44.4	83.5	24.5	26.2	11.8	61.0	56.0	81.5	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 93.2
MAXIMUM DAILY, 329 ON SEP 15
MINIMUM DAILY, 11.8 ON SEP 8
MAXIMUM INSTANTANEOUS,
407 AT 19:35 MST ON SEP 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 35 N
LONG 110 40 40 W
DRAINAGE AREA, 66 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	141 000	JUL	95 200
FEB	132 000	AUG	99 400
MAR	282 000	SEP	222 000
APR	301 000	OCT	300 000
MAY	376 000	NOV	296 000
JUN	426 000	DEC	266 000

TOTAL DISCHARGE, 2 940 000 dam³

SOUTH WABASCA LAKE NEAR DESMARAIS - STATION NO. 07JA002

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.370E	0.363	E.821	0.902	E.778	0.701	0.536	E.523	---	---	1
2	---	---	0.370E	0.367	E.842	0.895	E.776	0.695	0.532	E.525	---	---	2
3	---	---	0.370E	0.368	E.872	0.892	E.775	0.684	0.526	E.518	---	---	3
4	---	---	0.370E	0.350	E.707	0.880	E.778	0.680	0.540	E.543	---	---	4
5	---	---	0.370A	0.369	E.788	0.884	E.785	0.674	0.519	E.527	---	---	5
6	---	---	0.368	0.368	0.832	0.850	E.787	0.667	0.527	0.548	---	---	6
7	---	---	0.368	0.364	0.884	0.853	E.782	0.675	0.535	0.546	---	---	7
8	---	---	0.368	0.367	0.922	0.826	E.736	0.662	0.532	0.548	---	---	8
9	---	---	0.368A	0.367	0.851	0.834	E.759	0.660	0.531	0.543	---	---	9
10	---	---	0.368E	0.367	0.978	0.827	0.786	0.663	0.526	0.531	---	---	10
11	---	---	0.368E	0.368	0.980	0.831	0.746	0.645	0.527	E.542	---	---	11
12	---	---	0.368E	0.350	1.005	0.806	0.733	0.627	0.521	E.522	---	---	12
13	---	---	0.367E	0.355	1.018	0.801	0.737	0.630	E.517	E.558	---	---	13
14	---	---	0.367E	0.362	1.017	0.790	0.731	0.633	E.511	E.572	---	---	14
15	---	---	0.367E	0.389	1.022	0.787	0.718	0.622	E.515	E.577	---	---	15
16	---	---	0.367	0.378	1.028	0.753	0.722	0.617	0.487	0.570	---	---	16
17	---	---	0.373	0.387	1.017	0.771	0.722	0.615	0.502	0.585	---	---	17
18	---	---	0.357	0.417	1.015	0.773	0.703	0.606	0.520	0.584	---	---	18
19	---	---	0.352	0.431	1.011	0.756	0.705	0.592	0.522	0.589	---	---	19
20	---	---	0.355	0.446	1.007	0.737	0.706	0.592	0.519	0.590	---	---	20
21	---	---	0.348	E.480	0.994	0.742	0.703	0.591	0.505	0.590	---	---	21
22	---	---	0.346	E.500	0.982	0.737	E.671	0.583	0.490	0.590	---	---	22
23	---	---	0.338	E.509	0.972	0.736	0.687	0.569	0.516	0.581	---	---	23
24	---	---	0.340	E.509	0.956	0.723	E.685	0.567	0.507	0.589	---	---	24
25	---	---	0.336	0.519	0.953	0.733	0.688	0.568	0.523	0.583	---	---	25
26	---	---	0.331	0.528	0.947	0.752	0.692	0.568	0.500	0.600	---	---	26
27	---	---	0.327	0.538	0.937	0.771	0.711	0.585	0.528	0.606	---	---	27
28	---	---	0.321	0.555	0.933	0.778	0.719	0.567	0.533	0.590	---	---	28
29	---	---	0.322	0.574	0.918	0.786	0.718	0.553	0.535	0.605	---	---	29
30	---	---	0.323	0.597	0.910	0.765	0.717	0.535	0.531	E.607A	---	---	30
31	---	---	0.331		E.901		0.711	0.535		E.606E		---	31
MEAN	---	---	0.355	0.421	0.919	0.796	0.728	0.615	0.520	0.565	---	---	MEAN
MAX	---	---	0.373	0.597	1.028	0.902	0.778	0.701	0.540	0.606	---	---	MAX
MIN	---	---	0.321	0.343	0.821	0.723	0.671	0.535	0.487	0.518	---	---	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.028 ON MAY 16

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 55 23 N
LONG 113 48 15 W

A - MANUAL GAUGE

E - ESTIMATED

DRAINAGE AREA,
1 600 km²

SPRAY POWER DIVERSION AT CANNORE - STATION NO. 05BE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.1	10.7	13.8	17.1	2.18	0.283	0.283	14.2	11.0	5.66	11.3	12.8	1
2	16.3	14.3	13.7	20.2	0.706	0.283	5.60	3.23	11.4	5.49	5.66	12.7	2
3	16.7	14.3	14.0	17.0	0.283	5.47	2.61	2.38	0.283	2.15	3.30	13.7	3
4	16.0	15.8	13.5	17.6	0.736	11.4	1.19	0.283	1.47	0.283	13.0	13.8	4
5	14.8	14.2	17.0	17.4	0.283	9.03	4.87	0.283	3.54	0.283	11.7	13.1	5
6	14.4	11.1	17.0	13.6	0.283	6.12	1.78	0.283	2.43	0.283	12.7	12.9	6
7	17.5	14.9	16.9	13.6	14.6	5.83	0.566	5.55	2.61	2.49	13.1	11.8	7
8	17.0	13.1	16.1	11.6	4.84	7.76	6.91	3.01	3.72	3.03	12.9	12.7	8
9	16.6	15.4	14.1	15.9	6.87	11.2	12.5	0.283	3.06	5.38	5.76	13.4	9
10	17.5	14.2	14.2	14.7	5.91	12.4	7.62	4.67	3.94	3.99	7.46	13.4	10
11	16.2	14.3	16.9	14.0	0.283	6.06	10.1	0.283	1.38	5.89	7.33	12.8	11
12	12.1	13.2	16.1	15.8	5.62	6.04	4.39	0.283	2.80	0.283	12.7	13.2	12
13	14.9	14.0	16.9	14.1	6.61	6.46	0.283	7.19	4.13	0.283	12.6	14.4	13
14	16.9	14.3	16.8	17.1	5.30	7.42	0.283	0.983	3.37	1.90	11.7	11.7	14
15	17.5	14.2	17.0	16.8	5.16	6.63	6.41	0.821	3.91	3.96	11.0	14.0	15
16	16.6	14.2	16.9	14.6	5.60	5.27	10.7	5.97	0.340	0.283	9.32	17.0	16
17	17.6	15.1	14.1	14.7	2.10	5.56	10.6	0.283	0.283	2.66	10.0	3.30	17
18	17.1	14.2	17.0	15.1	0.283	2.86	6.01	0.283	0.283	5.86	12.7	1.86	18
19	14.2	14.3	17.2	16.6	0.283	7.06	6.76	4.22	0.698	0.283	13.6	2.44	19
20	13.8	14.0	16.5	16.6	0.283	7.76	9.29	3.27	0.481	0.283	13.8	2.01	20
21	15.0	15.0	17.0	15.1	7.35	8.60	11.6	3.65	0.283	4.70	14.0	1.19	21
22	16.2	14.0	22.9	19.4	4.38	0.283	10.1	2.89	0.283	0.283	13.4	0.708	22
23	14.7	14.0	17.0	17.9	11.2	0.283	8.94	3.04	6.38	7.22	13.4	7.87	23
24	16.8	14.4	17.8	18.2	11.7	1.70	5.61	0.283	1.18	0.283	12.8	13.4	24
25	16.8	14.2	20.6	17.4	8.13	8.00	8.63	0.283	3.99	9.76	12.3	8.41	25
26	16.1	14.2	21.7	17.8	8.23	11.6	2.29	3.31	0.283	1.27	13.2	11.8	26
27	14.0	17.8	20.3	18.0	12.1	14.0	0.283	0.283	8.71	0.283	13.7	11.8	27
28	20.0	14.2	19.9	8.56	8.07	12.0	3.99	3.38	0.283	2.44	13.8	12.1	28
29	18.7		20.7	8.27	8.66	11.3	8.07	4.89	0.283	5.16	11.4	12.1	29
30	20.0		17.0	8.69	8.23	0.283	11.1	11.0	5.78	0.283	10.4	13.5	30
31	19.8		14.1		3.48		3.48	6.89		8.47		13.0	31
TOTAL	525.8	410.4	527.8	464.76	152.328	198.105	200.368	98.537	87.900	87.278	334.99	328.435	TOTAL
MEAN	16.9	14.7	17.0	15.5	4.95	6.84	6.46	3.08	2.93	2.82	11.2	10.5	MEAN
MAX	20.0	18.7	22.9	20.2	14.6	14.0	16.8	14.2	11.8	8.47	14.0	17.0	MAX
MIN	12.1	11.1	13.5	8.27	0.283	0.283	0.283	0.283	0.283	0.283	3.30	0.708	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGE IN CUBIC METRES PER SECOND

MEAN, 9.36
MAXIMUM DAILY, 22.9 ON MAR 22
MINIMUM DAILY, 0.283 ON MAY 3

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 61 05 30 N
LONG 116 23 35 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	40 300	JUL	17 300
FEB	31 500	AUG	8 250
MAR	40 300	SEP	7 590
APR	40 200	OCT	7 540
MAY	13 200	NOV	28 000
JUN	16 900	DEC	28 400

TOTAL DISCHARGE, 305 000 dam³

SPRAY RESERVOIR AT THREE SISTERS DAM - STATION NO. 05BC005

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1697.48	1695.27	1693.41	1690.73	1688.89	1691.78	1695.75	1697.55	1698.83	1699.95	1700.30	1699.32	1
2	1697.40	1695.21	1693.35	1690.62	1688.88	1691.94	1695.85	1697.58	1698.86	1699.99	1700.30	1699.26	2
3	1697.36	1695.11	1693.29	1690.54	1688.74	1692.10	1695.97	1697.61	1698.92	1699.99	1700.30	1699.23	3
4	1697.25	1695.05	1693.22	1690.46	1688.77	1692.22	1696.09	1697.68	1698.98	1700.02	1700.27	1699.20	4
5	1697.19	1694.98	1693.16	1690.36	1688.81	1692.34	1696.24	1697.71	1698.99	1700.02	1700.24	1699.14	5
6	1697.13	1694.93	1693.07	1690.27	1688.74	1692.49	1696.36	1697.77	1699.02	1700.02	1700.20	1699.08	6
7	1697.10	1694.87	1692.98	1690.21	1688.71	1692.58	1696.46	1697.80	1699.05	1700.05	1700.17	1699.05	7
8	1697.00	1694.81	1692.92	1690.15	1688.77	1692.69	1696.55	1697.83	1699.08	1700.08	1700.11	1698.99	8
9	1696.84	1694.75	1692.83	1690.09	1688.77	1693.04	1696.61	1697.86	1699.11	1700.11	1700.08	1698.92	9
10	1696.86	1694.69	1692.77	1690.02	1688.77	1693.13	1696.67	1697.89	1699.14	1700.11	1700.05	1698.89	10
11	1696.78	1694.63	1692.68	1690.86	1688.81	1693.29	1696.73	1697.95	1699.17	1700.11	1700.05	1698.83	11
12	1696.78	1694.60	1692.56	1689.87	1688.84	1693.41	1696.82	1697.98	1699.29	1700.11	1700.02	1698.80	12
13	1696.70	1694.51	1692.52	1689.78	1688.84	1693.56	1696.91	1698.04	1699.38	1700.11	1699.99	1698.74	13
14	1696.64	1694.44	1692.43	1689.72	1688.84	1693.71	1697.00	1698.07	1699.44	1700.14	1699.96	1698.71	14
15	1696.55	1694.38	1692.34	1689.63	1688.84	1693.87	1697.03	1698.13	1699.50	1700.14	1699.93	1698.65	15
16	1696.48	1694.32	1692.25	1689.57	1688.81	1694.02	1697.03	1698.22	1699.53	1700.17	1699.90	1698.62	16
17	1696.39	1694.26	1692.19	1689.51	1688.87	1694.14	1697.07	1698.25	1699.56	1700.17	1699.87	1698.62	17
18	1696.33	1694.20	1692.10	1689.41	1689.02	1694.32	1697.10	1698.32	1699.60	1700.20	1699.84	1698.62	18
19	1696.27	1694.11	1692.04	1689.29	1689.17	1694.44	1697.13	1698.38	1699.66	1700.24	1699.81	1698.62	19
20	1696.21	1694.05	1691.94	1689.23	1689.38	1694.62	1697.19	1698.41	1699.69	1700.24	1699.75	1698.62	20
21	1696.15	1693.99	1691.85	1689.14	1689.54	1694.78	1697.19	1698.47	1699.72	1700.24	1699.69	1698.62	21
22	1696.09	1693.93	1691.73	1689.05	1689.75	1694.93	1697.22	1698.53	1699.75	1700.24	1699.65	1698.62	22
23	1696.00	1693.87	1691.64	1688.99	1689.90	1695.08	1697.25	1698.59	1699.78	1700.27	1699.63	1698.59	23
24	1695.91	1693.80	1691.55	1688.90	1690.12	1695.15	1697.31	1698.62	1699.81	1700.27	1699.56	1698.53	24
25	1695.85	1693.74	1691.46	1688.81	1690.39	1695.24	1697.34	1698.65	1699.84	1700.27	1699.53	1698.50	25
26	1695.79	1693.65	1691.34	1688.74	1690.60	1695.30	1697.37	1698.71	1699.84	1700.30	1699.47	1698.44	25
27	1695.72	1693.56	1691.24	1688.62	1690.84	1695.33	1697.43	1698.74	1699.87	1700.33	1699.44	1698.41	27
28	1695.66	1693.47	1691.12	1688.62	1691.06	1695.39	1697.46	1698.77	1699.90	1700.33	1699.41	1698.38	28
29	1695.54		1691.03	1688.62	1691.15	1695.45	1697.46	1698.83	1699.93	1700.33	1699.38	1698.32	29
30	1695.48		1690.91	1688.62	1691.36	1695.60	1697.49	1698.83	1699.93	1700.33	1699.35	1698.29	30
31	1695.39		1690.82		1691.56		1697.52	1698.83		1700.33		1698.22	31
MEAN	1696.66	1694.60	1692.22	1689.62	1689.46	1693.87	1696.89	1698.21	1699.44	1700.17	1699.85	1698.74	MEAN
MAX	1697.49	1695.27	1693.41	1690.86	1691.56	1695.60	1697.52	1698.83	1699.93	1700.30	1700.30	1699.32	MAX
MIN	1695.39	1693.47	1690.82	1688.62	1688.65	1691.78	1695.75	1697.55	1698.83	1699.95	1699.35	1698.22	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MEAN, 1695.79
MAXIMUM DAILY, 1700.36 ON OCT 28
MINIMUM DAILY, 1688.62 ON APR 27

TYPE OF GAUGE - MANUAL
LOCATION - LAT. 50 59 00 N
LONG 115 22 00 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SPRAY RIVER AT BANFF - STATION NO. 05BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.068	1.068	1.368	1.608	2.37	6.02	5.11	3.39	3.47	3.64	3.09	3.108	1
2	1.068	1.170	1.308	1.818	2.42	6.78	4.98	3.39	3.35	3.59	2.98	3.168	2
3	1.608	1.368	1.308	1.748	2.70	6.46	4.90	3.24	3.33	3.49	2.87	3.208	3
4	1.578	1.298	1.438	1.558	2.66	6.29	4.89	3.39	3.33	3.44	2.89	3.218	4
5	1.538	1.338	1.548	1.348	2.58	6.33	4.78	3.35	3.52	3.38	2.98	3.388	5
6	1.478	1.388	1.528	1.388	2.58	6.14	4.71	3.30	3.80	3.47	2.948	3.398	6
7	1.438	1.458	1.508	1.458	2.78	6.33	4.62	3.26	3.68	3.41	2.788	3.388	7
8	1.388	1.488	1.488	1.788	2.78	7.30	4.60	3.39	3.46	3.26	2.618	3.378	8
9	1.378	1.538	1.428	2.108	2.81	8.77	4.33	3.31	3.47	3.08	2.488	3.358	9
10	1.358	1.588	1.418	2.308	2.82	8.26	4.33	3.34	3.57	3.24	2.138	3.368	10
11	1.388	1.708	1.418	2.548	2.85	8.84	4.37	3.33	3.98	3.21	2.038	3.388	11
12	1.388	1.878	1.648	2.608	2.81	8.89	4.24	3.87	3.72	3.17	2.008	3.478	12
13	1.378	2.058	1.788	3.158	2.77	8.96	4.31	3.43	3.38	3.15	2.058	3.508	13
14	1.388	2.108	1.718	3.458	2.76	8.08	4.08	3.38	3.84	3.17	2.218	3.558	14
15	1.408	2.088	1.678	3.508	2.82	8.01	3.99	3.85	3.30	3.28	2.258	3.538	15
16	1.418	2.008	1.588	3.408	3.03	8.78	3.98	4.88	3.07	3.30	2.288	3.678	16
17	1.418	1.978	1.558	3.208	3.84	8.58	4.28	4.82	4.82	3.24	2.268	3.638	17
18	1.388	1.948	1.488	2.958	4.33	8.84	4.17	5.08	4.78	3.13	2.238	3.588	18
19	1.368	1.918	1.448	2.788	4.81	9.88	3.98	4.82	4.85	3.08	2.218	3.468	19
20	1.328	1.878	1.388	2.558	5.19	8.44	3.88	4.26	4.49	3.07	2.208	3.438	20
21	1.248	1.848	1.388	2.428	5.41	9.84	3.78	4.60	4.41	3.08	2.188	3.378	21
22	1.188	1.798	1.388	2.298A	5.68	9.84	3.78	4.39	4.35	3.03	2.138	3.288	22
23	1.138	1.698	1.378	2.34	6.03	9.37	3.80	4.20	4.25	3.02	2.128	3.198	23
24	1.088	1.648	1.378	2.28	6.87	9.18	3.89	4.07	4.14	2.98	2.088	3.138	24
25	1.088	1.598	1.378	2.25	8.72	4.85	3.90	3.83	4.09	2.98	2.068	3.118	25
26	1.178	1.588	1.288	2.32	7.73	4.63	3.80	3.87	4.08	2.88	2.028	3.048	26
27	1.348	1.518	1.288	2.28	6.87	4.57	3.68	3.78	3.97	2.98	2.008	3.088	27
28	1.378	1.438	1.288	2.34	6.49	4.84	3.48	3.80	3.78	3.13	2.038	3.208	28
29	1.378		1.288	2.33	6.58	4.92	3.40	3.68	3.73	3.02	2.078	3.288	29
30	1.288		1.288	2.30	6.87	5.18	3.40	3.68	3.73	2.87	2.088	3.308	30
31	1.068		1.348		8.72		3.43	3.64		2.98		3.278	31
TOTAL	41.87	46.06	44.38	70.29	136.01	176.32	127.22	116.68	120.19	98.46	70.34	73.83	TOTAL
MEAN	1.35	1.65	1.43	2.34	4.38	5.84	4.10	3.83	4.21	3.18	2.34	2.38	MEAN
MAX	1.68	2.10	1.78	3.60	8.72	7.30	5.11	5.08	4.38	3.64	2.98	3.87	MAX
MIN	1.06	1.06	1.28	1.34	2.37	4.57	3.40	3.24	3.35	2.80	2.00	2.04	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.09
MAXIMUM DAILY, 8.72 ON MAY 25
MINIMUM DAILY, 1.068 ON JAN 31
MAXIMUM INSTANTANEOUS,
8.35 AT 09:35 MST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 51 09 30 N
LONG 115 33 00 W
DRAINAGE AREA, 749 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1949

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 630	JUL	11 000
FEB	3 980	AUG	10 300
MAR	3 840	SEP	10 400
APR	6 070	OCT	8 510
MAY	11 700	NOV	6 090
JUN	15 100	DEC	6 380

TOTAL DISCHARGE, 87 400 dam³

SPRING CREEK (UPPER) NEAR VALLEYVIEW - STATION NO. 07GF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	--	0.0268	0.273	0.042	0.008	0	0	0.095	---	---	1
2	---	---	---	0.0398	0.277	0.035	0.006	0	0	0.077	---	0.0028	2
3	---	---	---	0.0368	0.274	0.027	0.003	0	0	0.066	---	---	3
4	---	---	0.0018	0.0338	0.260	0.020	0.002	0	0	0.059	0.0358	---	4
5	---	---	---	0.0438	0.198	0.024	0.002	0	0.001	0.053	---	---	5
6	---	---	---	0.0548	0.316	0.023	0.002	0	0.001	0.066	---	---	6
7	---	---	---	0.0738	0.301	0.025	0.002	0	0	0.067	---	---	7
8	---	---	---	0.1378	0.133	0.019	0.001	0	0	0.062	---	---	8
9	---	---	---	0.3848	0.122	0.014	0.001	0	0 E	0.056	---	0.0088	9
10	---	---	---	0.7078	0.090	0.019	0.001	0	0 E	0.051	---	---	10
11	---	---	0 B	0.8878	0.082	0.008	0	0	0 E	0.058	---	---	11
12	---	---	---	1.05 B	0.083	0.005	0	0	0.010E	0.070	0.0188	---	12
13	---	---	---	1.86 B	0.103	0.004	0	0	0.033E	0.084	---	---	13
14	---	---	---	1.90	0.083	0.005	0	0	0.056E	0.180	---	---	14
15	---	---	---	1.85	0.084	0.015	0	0.001	0.078E	0.234	---	---	15
16	---	---	---	1.24	0.048	0.013	0	0	0.102E	0.270	---	0.0098	16
17	---	---	---	0.947	0.043	0.009	0	0	0.124	0.248	---	---	17
18	---	---	0.0078	0.774	0.056	0.007	0	0	0.105	0.303	0.0148	---	18
19	---	---	---	0.617	0.071	0.005	0	0	0.101	0.172	---	---	19
20	---	---	---	0.458	0.043	0.003	0	0	0.090	0.148	---	---	20
21	---	---	---	0.333	0.035	0.003	0	0	0.133	0.139	---	---	21
22	---	---	0.0098	0.285	0.028	0.003	0	0	0.143	0.126	---	---	22
23	---	---	---	0.260	0.017	0.005	0	0	0.122	0.113	---	0.0208	23
24	---	---	0.0108	0.248	0.021	0.072	0.001	0	0.119	0.100	---	---	24
25	---	---	0.0138	0.450	0.048	0.091	0	0	0.107	0.088	0.0088	---	25
26	---	---	0.0138	0.671	0.064	0.043	0	0	0.159	0.083	---	---	26
27	---	---	0.0098	0.452	0.047	0.032	0	0	0.158	0.082	---	---	27
28	---	---	0.0068	0.443	0.036	0.023	0	0	0.159	0.084	---	---	28
29	---		0.0058	0.385	0.040	0.013	0	0	0.135	0.078	---	---	29
30	---		0.0088	0.291	0.047	0.006	0	0.001	0.103	0.087	---	0.0208	30
31	---		0.0108		0.040		0	0		0.088		---	31
TOTAL	---	---	---	16.903	3.239	0.824	0.030	0.002	2.089	3.389	---	---	TOTAL
MEAN	---	---	---	0.550	0.104	0.021	0.001	0	0.070	0.109	---	---	MEAN
MAX	---	---	---	1.90	0.316	0.091	0.009	0.001	0.159	0.270	---	---	MAX
MIN	---	---	---	0.026	0.017	0.003	0	0	0	0.053	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.121
MAXIMUM DAILY, 1.900 ON APR 13
MINIMUM DAILY, 0 ON JUL 11
MAXIMUM INSTANTANEOUS,
2.370 AT 12:54 MST ON APR 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 45 N
LONG 117 42 20 W
DRAINAGE AREA, 33.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2.59
FEB	---	AUG	0.17
MAR	---	SEP	181
APR	430	OCT	291
MAY	280	NOV	---
JUN	53.9	DEC	---

TOTAL DISCHARGE, 2 240 dam³

SPRING CREEK NEAR VALLEYVIEW - STATION NO. 07GF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.1338	0.858	0.138	0.111	0	0.004	0.384	0.1898	---	1
2	---	---	---	0.3798	0.621	0.114	0.038	0	0.073	0.285	0.1808	---	2
3	---	---	---	0.3478	0.807	0.085	0.012	0	0.013	0.251	0.1878	---	3
4	---	---	---	0.1878	0.647	0.104	0.009	0	0.002	0.281	0.1838	---	4
5	---	---	---	0.9188	0.732	0.075	0.008	0	0.008	0.382	---	---	5
6	---	---	---	0.2828	0.723	0.088	0.004	0	0.009	0.282	---	---	6
7	---	---	---	0.3958	0.888	0.052	0.002	0.001	0.011	0.241	---	---	7
8	---	---	---	0.5308	0.561	0.052	0.002	0.001	0.007	0.218	---	---	8
9	---	---	---	2.46 B	0.456	0.051	0.002	0.033	0.004	0.213	---	---	9
10	---	---	---	4.07 B	0.430	0.039	0.001	0.031	0.005	0.221	---	---	10
11	---	---	---	4.08 B	0.371	0.067	0.001	0.076	0.005	0.197	---	---	11
12	---	---	---	5.90 B	0.453	0.027	0.002	0.034	0.013	0.189	---	---	12
13	---	---	---	6.12 B	0.540	0.020	0.002	0.007	0.002	0.236	---	---	13
14	---	---	---	5.68 B	0.309	0.022	0.001	0.009	0.048	0.480	---	---	14
15	---	---	---	5.67 B	0.338	0.049	0.001	0.013	0.103	0.843	---	---	15
16	---	---	0.0428	4.36 B	0.336A	0.208	0.001	0.014	0.148	0.637	---	---	16
17	---	---	0.0328	2.82 B	0.189	0.078	0	0.007	0.201	0.703	---	---	17
18	---	---	0.0648	2.00 B	0.151	0.041	0	0.007	0.193	0.908	---	---	18
19	---	---	0.0848	3.42 B	0.150	0.023	0	0.007	0.205	0.882	---	---	19
20	---	---	0.0878	1.83 B	0.144	0.012	0	0.002	0.188	0.488	---	---	20
21	---	---	0.0478	1.43 B	0.108	0.011	0	0.003	0.242	0.438	---	---	21
22	---	---	0.0388	1.31 B	0.098	0.010	0	0.002	0.318	0.405	---	---	22
23	---	---	0.0278	1.20 B	0.080	0.031	0	0.003	0.288	0.380	---	---	23
24	---	---	0.0318	1.38 B	0.191	0.078	0.001	0.002	0.283	0.338	---	---	24
25	---	---	0.0288	1.24 B	0.183	0.130	0.001	0.006	0.270	0.304	---	---	25
26	---	---	0.0288	1.62 B	0.170	0.088	0.001	0.005	0.4848	0.284	---	---	26
27	---	---	0.0288	1.54	0.177	0.053	0.001	0.005	0.4788	0.253	---	---	27
28	---	---	0.0148	1.43	0.178	0.043	0	0.006	0.403	0.2848	---	---	28
29	---		0.0148	1.18	0.187	0.034	0	0.011	0.383	0.2488	---	---	29
30	---		0.0148	0.874	0.180	0.038	0	0.008	0.331	0.2388	---	---	30
31	---		0.0238		0.188		0	0.003		0.2138		---	31
TOTAL	---	---	---	70.338	11.472	1.797	0.197	0.332	4.883	10.853	---	---	TOTAL
MEAN	---	---	---	3.34	0.370	0.080	0.006	0.011	0.188	0.350	---	---	MEAN
MAX	---	---	---	8.68	0.888	0.308	0.111	0.076	0.478	0.837	---	---	MAX
MIN	---	---	---	0.153	0.080	0.010	0	0	0.003	0.189	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.488
MAXIMUM DAILY, 8.980 ON APR 14
MINIMUM DAILY, 0 ON JUL 17
MAXIMUM INSTANTANEOUS,
13.30 AT 21:27 MST ON APR 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 05 N
LONG 117 50 55 W
DRAINAGE AREA, 113 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	17.0
FEB	---	AUG	28.7
MAR	---	SEP	405
APR	1 080	OCT	939
MAY	951	NOV	---
JUN	189	DEC	---

TOTAL DISCHARGE, 4 610 dam³

SOUAW COULEE DIVERSION BELOW SOUAW COULEE RESERVOIR - STATION NO 05AC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	1.24	0.913	0.672	0.517	---	---	1
2	---	---	---	---	---	---	1.29	0.721	0.636	0.518	---	---	2
3	---	---	---	---	---	---	1.25	0.724	0.623	0.519	---	---	3
4	---	---	---	---	---	---	1.28	0.788	0.624	0.521	---	---	4
5	---	---	---	---	---	---	1.28	0.746	0.634	0.522	---	---	5
6	---	---	---	---	---	---	1.26	0.740	0.622	0.522	---	---	6
7	---	---	---	---	---	---	1.27	0.738	0.621	0.520	---	---	7
8	---	---	---	---	---	---	1.20	0.725	0.621	0.519	---	---	8
9	---	---	---	---	---	---	1.30	0.770	0.621	0.518	---	---	9
10	---	---	---	---	---	---	1.33	0.838	0.621	0.516	---	---	10
11	---	---	---	---	---	---	1.38	0.842	0.622	0.515	---	---	11
12	---	---	---	---	---	---	1.39	0.884	0.632	0.514	---	---	12
13	---	---	---	---	---	---	1.38	0.954	0.636	0.512	---	---	13
14	---	---	---	---	---	---	1.19	0.802	0.633	0.509	---	---	14
15	---	---	---	---	---	---	1.25	0.596	0.627	0.507	---	---	15
16	---	---	---	---	---	---	1.34	0.537	0.620	0.505	---	---	16
17	---	---	---	---	---	---	1.32	0.552	0.613	0.503	---	---	17
18	---	---	---	---	---	---	1.22	0.527	0.607	0.500	---	---	18
19	---	---	---	---	---	---	1.11	0.523	0.600	0.498	---	---	19
20	---	---	---	---	---	---	1.13	0.563	0.592	0.496	---	---	20
21	---	---	---	---	---	---	1.15	0.788	0.587	0.498A	---	---	21
22	---	---	---	---	---	---	1.09	0.827	0.582	0	---	---	22
23	---	---	---	---	---	---	1.06	0.821	0.577	0	---	---	23
24	---	---	---	---	---	1.18A	0.878	0.808	0.572	0	---	---	24
25	---	---	---	---	---	1.18	1.03	0.789	0.568	0	---	---	25
26	---	---	---	---	---	1.17	1.23	0.789	0.558	0	---	---	26
27	---	---	---	---	---	1.23	1.34	0.738	0.556	0	---	---	27
28	---	---	---	---	---	1.26	1.31	0.718	0.559	0	---	---	28
29	---		---	---	---	1.33	1.33	0.710	0.627	0	---	---	29
30	---		---	---	---	1.25	1.28	0.705	0.518	0	---	---	30
31	---		---		---		1.30	0.703		0		---	31
TOTAL	---	---	---	---	---	---	38.498	23.873	18.063	10.751	---	---	TOTAL
MEAN	---	---	---	---	---	---	1.24	0.738	0.802	0.347	---	---	MEAN
MAX	---	---	---	---	---	---	1.39	0.954	0.672	0.522	---	---	MAX
MIN	---	---	---	---	---	---	0.878	0.523	0.518	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON OCT 31

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

A - MANUAL GAUGE

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 330
FEB	---	AUG	1 980
MAR	---	SEP	1 560
APR	---	OCT	929
MAY	---	NOV	---
JUN	---	DEC	---

ST. MARY CANAL AT ST. MARY CROSSING - STATION NO. 05AE029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	8.32	13.6	19.5	16.9	16.3	15.5	0	---	---	1
2	---	---	0 B	9.12	11.9	19.4	17.1	16.4	15.3	0	---	---	2
3	---	---	0 B	11.1	16.1	19.5	17.1	16.5	14.4	0	---	---	3
4	---	---	0 B	12.7	17.8	19.7	17.0	16.4	10.8	0	---	---	4
5	---	---	0 B	14.1	17.9	19.9	16.4	16.4	10.7	0	---	---	5
6	---	---	0 B	14.9	18.3	19.7	19.5	16.4	10.8	0	---	---	6
7	---	---	0 B	15.4	18.0	19.6	5.49	16.3	10.6	0	---	---	7
8	---	---	0 B	15.8	18.5	19.6	0.705	16.3	9.73	0	---	---	8
9	---	---	0 B	16.1	18.5	19.7	0.035	16.3	7.89	0	---	---	9
10	---	---	0 B	16.3	18.6	19.6	2.55	16.3	8.91	0	---	---	10
11	---	---	0 B	16.5	18.6	19.6	5.44	16.3	13.1	0	---	---	11
12	---	---	0 B	16.7	18.6	19.6	11.6	16.3	14.3	0	---	---	12
13	---	---	0 B	16.8	18.6	19.7	16.7	16.3	13.8	0	---	---	13
14	---	---	0 B	17.1	18.6	20.0	19.0	16.3	14.1	0	---	---	14
15	---	---	0 B	17.4	18.6	20.0	19.5	16.3	14.0	0	---	---	15
16	---	---	0.0128	17.7	18.5	19.9	19.2	16.1	13.9	0	---	---	16
17	---	---	0.0688	17.9	18.6	19.9	18.3	16.0	14.1	0	---	---	17
18	---	---	0.0308	18.0	18.5	19.8	18.1	16.1	14.2	0	---	---	18
19	---	---	1.35 B	18.1	18.7	19.8	17.9	16.3	14.0	0	---	---	19
20	---	---	1.38 B	18.1	18.8	19.8	17.8	16.3	17.8	0	---	---	20
21	---	OB	1.27 B	17.7	18.8	19.8	17.8	16.5	17.6	0	---	---	21
22	---	OB	1.36 B	17.6	18.3	19.6	18.0	16.6	17.7	0	---	---	22
23	---	OB	1.69 B	17.6	18.6	19.7	18.3	16.5	15.8	0	---	---	23
24	---	OB	1.81 B	17.5	18.9	19.7	18.8	16.3	10.2	0	---	---	24
25	---	OB	2.16 B	17.6	18.9	19.8	18.8	16.3	6.84	0	---	---	25
26	---	OB	5.00	17.5	18.2	19.7	18.8	16.1	0.191	0	---	---	26
27	---	OB	5.46	17.4	17.3	19.8	18.8	16.0	0	0	---	---	27
28	---	OB	6.02	17.3	16.5	19.5	18.7	16.0	0	0	---	---	28
29	---		7.36	17.3	15.8	17.8	18.4	17.8	0	0	---	---	29
30	---		7.87	18.3	15.4	16.8	18.4	17.8	0	0	---	---	30
31	---		8.16		16.7		18.4	17.7		0		---	31
TOTAL	---	---	51.878	481.84	576.9	587.2	470.111	505.1	348.751	0	---	---	TOTAL
MEAN	---	---	1.85	16.1	18.6	19.6	15.2	16.3	11.6	0	---	---	MEAN
MAX	---	---	8.16	18.1	18.9	20.0	19.5	16.5	18.3	0	---	---	MAX
MIN	---	---	0	8.32	11.9	16.8	0.035	15.9	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 20.0 ON JUN 16
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 56 50 N
LONG 113 33 38 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	40 600
FEB	---	AUG	48 800
MAR	4 480	SEP	30 000
APR	41 600	OCT	0
MAY	48 000	NOV	---
JUN	80 700	DEC	---

TOTAL DISCHARGE, 295 000 dam³

ST MARY RESERVOIR NEAR SPRING COULEE - STATION ND 05AE025

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1095.178	1095.595	1095.734	1096.280	1099.784	1102.282	1102.639	1100.481	1096.990	1097.198	1100.689	1100.732	1
2	1095.194	1095.560	1095.748	1096.327	1099.948	1102.337	1102.624	1100.308	1096.940	1097.253	1100.673	1100.735	2
3	1095.220	1095.585	1095.753	1096.377	1100.154	1102.384	1102.606	1100.143	1096.871	1097.362	1100.680	1100.739	3
4	1095.239	1095.570	1095.759	1096.411	1100.348	1102.401	1102.581	1099.972	1096.781	1097.456	1100.684	1100.749	4
5	1095.259	1095.582	1095.764	1096.464	1100.568	1102.411	1102.567	1099.785	1096.674	1097.606	1100.900	1100.757	5
6	1095.277	1095.590	1095.773	1096.478	1100.792	1102.405	1102.536	1099.605	1096.552	1097.777	1100.910	1100.768	6
7	1095.292	1095.585A	1095.781	1096.508	1100.985	1102.436	1102.520	1099.443	1096.434	1097.973	1100.920	1100.778	7
8	1095.300	1095.603	1095.785	1096.540	1101.126	1102.465	1102.536	1099.240	1096.320	1098.189	1100.934	1100.782	8
9	1095.288	1095.622	1095.791	1096.572	1101.233	1102.506	1102.531	1099.071	1096.233	1098.434	1100.951	1100.783	9
10	1095.293	1095.639	1095.794	1096.607	1101.341	1102.575	1102.528	1098.866	1096.194	1098.649	1100.949	1100.789	10
11	1095.309	1095.629	1095.780	1096.643	1101.426	1102.695	1102.491	1098.695	1096.177	1098.882	1100.942	1100.785	11
12	1095.325	1095.635	1095.785	1096.683	1101.489	1102.720	1102.434	1098.520	1096.290	1099.117	1100.927	1100.789	12
13	1095.338	1095.641	1095.800	1096.741	1101.571	1102.738	1102.317	1098.367	1096.436	1099.343	1100.927	1100.791	13
14	1095.355	1095.649	1095.809	1096.837	1101.587	1102.745	1102.290	1098.218	1096.574	1099.545	1100.924	1100.788	14
15	1095.372	1095.654	1095.818	1096.959	1101.508A	1102.769	1102.202	1098.078	1096.689	1099.742	1100.915	1100.780	15
16	1095.387	1095.663	1095.840	1097.121	1101.614	1102.765	1102.134	1097.984	1096.802	1099.936	1100.900	1100.788	16
17	1095.404	1095.685	1095.885	1097.280	1101.619	1102.771	1102.053	1097.887	1096.939	1100.104	1100.885	1100.791	17
18	1095.420	1095.686	1095.899	1097.468	1101.617	1102.784	1101.992	1097.812	1096.973	1100.240	1100.853	1100.791	18
19	1095.427	1095.677	1095.940	1097.670	1101.621	1102.828	1101.916	1097.731	1096.919	1100.380	1100.829	1100.791	19
20	1095.432	1095.695	1095.992	1097.903	1101.643	1102.794	1101.829	1097.615	1096.982	1100.443	1100.818	1100.792	20
21	1095.447	1095.691	1096.054	1098.110	1101.686	1102.803	1101.756	1097.533	1097.020	1100.512	1100.808A	1100.789	21
22	1095.467	1095.680	1096.104	1098.295	1101.746	1102.812	1101.672	1097.471	1097.032	1100.581	1100.798A	1100.784	22
23	1095.470	1095.687	1096.139	1098.479	1101.804	1102.826	1101.538	1097.420	1097.038	1100.643	1100.788A	1100.780	23
24	1095.469	1095.704	1096.158	1098.645	1101.863	1102.801	1101.443	1097.386	1097.031	1100.689	1100.778A	1100.776	24
25	1095.484	1095.714	1096.174	1098.803	1101.901	1102.772	1101.355	1097.323	1097.089	1100.740	1100.782A	1100.773	25
26	1095.495	1095.720	1096.189	1098.954	1101.955	1102.790	1101.285	1097.246	1097.094	1100.773	1100.781A	1100.765	26
27	1095.503	1095.725	1096.202	1099.137	1102.053	1102.748	1101.134	1097.193	1097.090	1100.812	1100.741A	1100.760	27
28	1095.513	1095.732	1096.220	1099.291	1102.116	1102.725	1101.010	1097.162	1097.107	1100.841	1100.732A	1100.744	28
29	1095.522		1096.231	1099.432	1102.152	1102.677	1100.864	1097.144	1097.120	1100.845	1100.725	1100.726	29
30	1095.535		1096.248	1099.585	1102.182	1102.651	1100.752	1097.117	1097.152	1100.854	1100.730	1100.726	30
31	1095.541		1096.264		1102.248		1100.605	1097.065		1100.880		1100.715	31
MEAN	1095.380	1095.647	1095.942	1097.467	1101.612	1102.644	1101.956	1098.317	1096.778	1099.475	1100.853	1100.769	MEAN
MAX	1095.541	1095.732	1096.264	1099.585	1102.248	1102.828	1102.639	1100.481	1097.162	1100.880	1100.951	1100.792	MAX
MIN	1095.178	1095.595	1095.734	1096.280	1099.784	1102.282	1100.605	1097.065	1096.177	1097.198	1100.725	1100.715	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MEAN, 1098.909
MAXIMUM DAILY, 1102.828 ON JUN 19
MINIMUM DAILY, 1095.178 ON JAN 1
MAXIMUM INSTANTANEOUS,
1102.859 AT 14:50 MST ON JUN 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 48 N
LONG 113 08 58 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
2 290 km²

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY 0.024 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

ST MARY RIVER AT INTERNATIONAL BOUNDARY - STATION NO 05AE027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.130	2.130	1.980	1.980	33.6	60.0	25.3	11.5	11.0	19.1	25.7	7.368	1
2	2.130	2.130	1.980	2.130	37.5	55.1	24.9	11.5	9.46	18.1	25.7	7.068	2
3	2.418	1.980	1.980	2.418	30.9	51.8	24.7	11.9	8.89	18.1	24.8	6.800	3
4	2.698	1.980	1.980	2.698	36.2	46.7	24.8	11.7	8.54	17.3	24.8	6.518	4
5	2.978	1.980	1.848	2.84	42.5	42.8	27.3	11.6	8.85	18.7	24.8	6.238	5
6	3.258	1.980	1.848	2.83	39.1	39.8	31.7	10.9	9.63	18.8	24.8	6.088	6
7	3.405	1.980	1.848	2.72	33.8	40.4	36.4	9.86	10.1	18.8	24.2	6.088	7
8	3.118	1.980	1.848	2.85	34.6	38.8	39.1	9.30	11.8	18.4	24.2	5.800	8
9	2.978	1.980	1.708	3.33	37.5	35.0	38.0	8.89	14.7	18.1	27.8	5.800	9
10	2.838	1.980	1.708	3.51	37.9	36.5	36.0	8.35	16.2	18.2	25.6	5.088	10
11	2.698	1.980	1.568	3.51	38.9	30.2	35.5	8.35	19.3	15.8	23.8	5.808	11
12	2.698	1.980	1.568	4.39	38.8	61.4	18.3	8.30	24.7	15.8	23.1	5.895	12
13	2.698	1.980	1.568	5.85	36.7	63.0	14.8	10.8	31.7	14.8	20.3	5.535	13
14	2.698	1.980	1.708	8.01	23.4	47.8	18.6	10.3	29.4	13.8	19.3	5.238	14
15	2.418	1.980	1.988	11.8	21.2	43.8	23.6	10.8	26.3	13.8	18.4	5.248	15
16	2.418	2.130	2.838	16.1	20.8	41.1	24.8	13.2	27.9	14.8	17.6	5.102	16
17	2.418	2.130	3.688	17.6	21.5	39.1	31.4	13.2	23.4	15.8	18.1	4.958	17
18	2.418	2.130	4.258	18.4	23.8	36.2	18.2	13.1	20.5	15.8	14.6	4.815	18
19	2.418	2.130	4.818	20.8	29.7	34.0	15.2	12.7	24.0	16.3	13.6	4.672	19
20	2.278	2.130	5.108	21.0	37.4	33.1	15.0	13.8	21.7	17.0	12.8	4.528	20
21	2.278	2.130	4.258	19.8	44.8	34.3	15.0	15.1	18.8	17.0	11.7	4.388	21
22	2.278	1.988	3.688	17.7	50.4	31.7	15.9	15.8	18.1	17.8	10.5 A	4.258	22
23	2.278	1.988	2.278	18.3	51.3	29.2	15.6	14.8	18.4	18.1	9.818	4.258	23
24	2.278	1.988	2.838	16.5	52.7	25.9	16.8	14.3	20.4	18.3	9.498	4.118	24
25	2.278	1.988	2.278	14.3	48.0	22.7	15.4	14.0	23.8	20.4	9.068	3.988	25
26	2.278	1.988	1.988	14.0	45.1	20.2	16.5	13.6	25.5	21.7	8.788	3.888	26
27	2.138	1.988	1.708	13.3	45.1	18.3	15.6	13.1	24.7	23.8	8.358	3.838	27
28	2.138	1.988	1.988	13.6	48.0	16.4	14.5	13.7	23.8	26.9	8.078	3.748	28
29	2.138		1.438	13.6	51.5	22.0	13.6	13.3	21.0	27.3	7.788	3.888	29
30	2.138		1.278	13.8	56.0	24.8	12.5	11.8	19.8	27.7	7.658	3.888	30
31	2.138		1.888		51.4		11.8	10.6		27.7		3.648	31
TOTAL	78.80	56.58	72.32	307.71	1 195.2	1 355.4	657.0	388.07	577.87	599.8	532.40	158.54	TOTAL
MEAN	2.48	2.02	2.33	10.3	38.6	41.8	21.2	11.8	19.3	18.4	17.8	5.11	MEAN
MAX	3.40	2.13	5.10	21.0	56.1	78.5	36.1	15.1	31.7	27.7	25.2	7.38	MAX
MIN	2.13	1.98	1.37	1.98	20.8	18.3	11.8	8.35	8.85	13.8	7.85	3.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.0
MAXIMUM DAILY, 78.8 ON JUN 19
MINIMUM DAILY, 1.278 ON MAR 30
MAXIMUM INSTANTANEOUS,
81.3 AT 01:00 MST ON JUN 19

SUMMARY FOR THE YEAR 1985

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 12 N
LONG 113 10 48 W
DRAINAGE AREA, 1 310 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 840	JUL	58 800
FEB	4 880	AUG	31 800
MAR	6 240	SEP	49 800
APR	26 600	OCT	49 200
MAY	103 000	NOV	46 800
JUN	109 000	DEC	13 700

TOTAL DISCHARGE, 503 000 dam³

ST MARY RIVER NEAR LETHBRIDGE - STATION NO. 05AD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6808	0.4608	1.35 B	2.80 B	1.38	15.8 E	1.46	2.19	1.24	2.00	29.2	5.608	1
2	0.7008	0.4408	1.30 B	2.35	1.45	17.3 E	1.49	2.81	1.31	2.07	29.2	5.608	2
3	0.7308	0.4108	1.12 B	1.80	1.49	12.0 E	1.45	2.97	1.40	1.80	29.2	5.008	3
4	0.7308	0.4008	1.00 B	2.15	1.50	8.50E	1.99	3.02	1.51	1.85	29.4	5.208	4
5	0.7258	0.3908	0.9708	1.72	1.42	1.80E	1.86	2.95	1.80	1.49	29.3	5.508	5
6	0.7108	0.3808	0.9758	1.94	1.37	1.78A	1.72	2.83	2.81	2.39	27.4	7.008	6
7	0.7008	0.3808	0.9908	1.28	1.40	1.80E	1.80	2.80	3.84	3.048	26.9	6.808	7
8	0.6908	0.3908	1.01 B	1.14	1.33	2.10E	2.13	2.36	2.81	2.908	27.1	5.708	8
9	0.6808	0.4008	1.10 B	1.04	1.29	13.4 E	2.83	2.45	2.35	2.708	28.4	5.608	9
10	0.6858	0.4308	1.20 B	0.969	1.81	13.6 E	2.68	2.57	2.27	2.83	28.6	5.208	10
11	0.6708	0.4808	1.42 B	0.882	0.938	13.8 E	2.48	2.51	2.00	2.94	28.8	5.008	11
12	0.6908	0.5208	1.53 B	0.856	11.8 E	13.4 E	3.22	2.76	7.21	3.05	25.5 B	5.008	12
13	0.7208	0.6008	1.63 B	0.858	11.8 E	2.48E	3.28	2.98	6.55	3.73	24.5 B	5.008	13
14	0.7708	0.6808	1.66 B	0.731	22.8 E	1.85E	3.97	3.71	4.38	2.37	24.2 B	5.208	14
15	0.8208	0.7808	1.73 B	0.723	22.9 E	1.70E	3.81	3.30	2.80	2.13	24.0 B	5.408	15
16	0.8308	0.8808	1.77 B	0.785	23.1 E	1.73E	3.37	4.21	3.44	2.18	24.0 B	5.808	16
17	0.9008	0.9808	1.77 B	0.978	23.1 E	1.78A	3.44	3.71	2.05	2.13	24.0 B	6.608	17
18	0.8908	1.03 B	1.75 B	0.834	23.0 E	1.78E	3.75	3.56	1.94	2.25	23.5 B	6.718	18
19	0.8858	1.06 B	1.70 B	0.823	22.5 E	1.80E	3.77	2.18	1.97	3.40	20.9 B	6.808	19
20	0.8808	1.08 B	1.67 B	1.56	22.9 E	1.85E	3.82	2.13	2.07	4.28	17.0 B	6.208	20
21	0.8708	1.10 B	1.63 B	1.48	23.1 E	1.90E	3.64	2.98	1.82	4.80	13.0 B	6.908	21
22	0.8658	1.12 B	1.60 B	1.27	23.3 E	1.80E	3.29	3.08	1.87	4.78	10.0 B	6.608	22
23	0.8628	1.14 B	1.60 B	1.12	18.8 E	1.85E	3.27	2.87	2.21	5.02	9.008	6.808	23
24	0.8408	1.20 B	1.61 B	1.34	14.6 E	1.90E	3.78	2.28	2.07	4.85	8.508	6.708	24
25	0.8008	1.30 B	1.68 B	1.53	15.4 E	1.93A	3.68	1.85	2.00	5.10	8.208	6.708	25
26	0.7808	1.33 B	1.75 B	1.84	15.7 E	2.04	3.48	1.42	1.87	17.7	6.008	6.508	26
27	0.7008	1.34 B	1.80 B	1.95	16.1 E	1.85	3.38	1.25	1.78	19.7	5.508	6.508	27
28	0.6508	1.37 B	2.06 B	1.88	13.8 E	1.58	3.38	1.26	1.83	19.6	5.308	6.308	28
29	0.6008		2.30 B	1.56	24.6 E	1.52	3.49	1.24	1.97	20.3	5.208	6.608	29
30	0.6508		2.60 B	1.44	18.3 E	1.48	3.42	1.28	1.84	20.6	5.408	7.008	30
31	0.9008		2.70 B		14.2 E		3.36	1.23		20.3		7.308	31
TOTAL	23.103	22.048	49.136	41.987	402.978	165.81	87.75	78.82	72.90	223.28	593.20	200.35	TOTAL
MEAN	0.745	0.787	1.58	1.35	13.0	5.85	2.83	2.83	2.82	7.20	19.8	6.46	MEAN
MAX	0.930	1.37	2.70	2.80	24.6	17.3	3.89	4.21	6.55	20.6	29.4	7.30	MAX
MIN	0.600	0.380	0.970	0.723	0.938	1.48	1.45	1.23	1.24	1.80	5.20	5.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.32
MAXIMUM DAILY, 29.8 ON OCT 30
MINIMUM DAILY, 0.3408 ON FEB 8
MAXIMUM INSTANTANEOUS,
30.0 AT 11:30 MST ON OCT 30

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 34 24 N
LONG 112 50 38 W
DRAINAGE AREA, 3 539 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1911

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 000	JUL	7 580
FEB	1 900	AUG	6 780
MAR	4 250	SEP	6 520
APR	3 590	OCT	19 300
MAY	34 600	NOV	51 200
JUN	12 800	DEC	17 300

TOTAL DISCHARGE, 165 000 dam³

STEELE LAKE NEAR JARVIS - STATION NO. 07BC005

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	857.075	858.800	858.618	858.681	---	858.622	---	---	1
2	---	---	---	---	857.075	858.800	858.611	---	858.622	---	---	---	2
3	---	---	---	---	---	858.800	---	858.666	---	858.622	---	---	3
4	---	---	---	---	857.075	858.875	858.801	---	858.622	---	---	---	4
5	---	---	---	858.788	---	858.870	---	858.651	---	858.627	---	---	5
6	---	---	---	---	857.075	858.885	858.788	---	858.612	---	---	---	6
7	---	---	858.788	---	---	858.880	---	858.651	---	858.627	---	---	7
8	---	---	---	858.809	857.085	858.860	858.771	---	858.612	---	---	---	8
9	---	---	---	---	---	858.830	---	858.631	---	858.632	---	---	9
10	---	---	---	---	857.080	858.835	858.781	---	858.617	---	---	---	10
11	---	---	---	---	---	858.835	---	858.631	---	858.632	---	---	11
12	---	---	---	---	857.080	---	858.745	---	858.617	---	---	---	12
13	---	---	---	---	---	858.810	---	858.631	---	858.632	---	---	13
14	---	---	---	---	857.030	---	858.731	---	858.632	---	---	---	14
15	---	---	---	---	---	858.800	---	858.631	---	858.632	---	---	15
16	---	---	---	---	857.025	---	858.731	---	---	---	---	---	16
17	---	---	---	---	857.035	858.780	---	858.631	858.632	858.632	---	---	17
18	---	---	---	---	857.030	---	858.708	---	---	---	---	---	18
19	---	---	---	---	857.010	858.770	---	858.631	858.632	858.632	---	---	19
20	---	---	---	---	858.980	---	858.685	---	---	---	---	---	20
21	---	---	---	---	858.970	858.765	---	858.631	858.632	858.632	---	---	21
22	---	---	---	---	858.885	---	858.681	---	---	---	---	---	22
23	---	---	---	858.953	858.955	858.765	---	858.639	858.632	858.632	---	---	23
24	---	---	---	---	858.945	858.775	858.686	---	858.630	---	---	---	24
25	---	---	---	---	858.940	858.805	---	858.635	858.632	858.632	---	---	25
26	---	---	---	---	858.935	858.830	858.681	---	---	---	---	---	26
27	---	---	---	---	858.930	858.835	---	858.634	858.632	858.632	---	---	27
28	---	---	---	---	858.925	---	858.681	---	---	---	---	---	28
29	---		---	---	858.915	858.821	---	858.633	858.632	858.629	---	---	29
30	---		---	---	858.910	858.821	858.681	---	---	---	---	---	30
31	---		---		858.905		---	858.632		858.632		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 38 50 N
LONG 113 47 45 W

NATURAL FLOW

DRAINAGE AREA,
385 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

STEEN RIVER NEAR STEEN RIVER - STATION NO. 07OB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0358	0.0478	27.6 E	9.93	3.85	3.89	21.1	9.72	---	---	1
2	---	---	0.0338	0.0488	40.2 E	9.70	3.68	3.81	21.8	9.58	---	---	2
3	---	---	0.0328	0.0538	44.4 E	9.93	3.53	3.84	21.1	9.40	---	---	3
4	---	---	0.0318	0.0718	46.1 E	8.20	3.52	3.48	20.4	9.13	---	---	4
5	---	---	0.0308	0.0838	45.4 E	7.69	3.42	3.76	19.7	9.28	---	---	5
6	---	---	0.0308	0.0768	48.6 E	7.31	3.35	4.02	18.7	9.50	---	---	6
7	---	---	0.0308	0.1068	52.5 E	7.04	3.23	4.60	17.6	9.79	---	---	7
8	---	---	0.0308	0.1098	52.5	6.82	3.31	5.22	16.5	9.89	---	---	8
9	---	---	0.0308	0.1078	54.4	6.53	3.47	5.57	15.4	9.49	---	---	9
10	---	---	0.0308	0.1388	56.1	6.25	3.53	6.70	14.4	9.41	---	---	10
11	---	---	0.0318	0.1498	55.3	6.05	3.48	7.73	13.5	9.64	---	---	11
12	---	---	0.0318	0.1618	54.0 E	5.83	3.43	8.10	12.5	9.30	---	---	12
13	---	---	0.0328	0.1958	50.5 E	5.60	3.38	7.78	11.6	9.10	---	---	13
14	---	---	0.0348	0.1928	57.5 E	5.42	3.24	7.27	11.4	8.78	---	---	14
15	---	---	0.0408	0.1858	54.0 E	5.18	3.15	7.08	11.0	8.56	---	---	15
16	---	---	0.0448	0.1898	50.5 E	5.00	2.95	7.83	10.6	8.35	---	---	16
17	---	---	0.0478	0.1698	46.5 E	5.80	1.96	9.09	10.3	8.31	---	---	17
18	---	---	0.0488	0.1838	43.0 E	4.06	1.90	9.12	9.87	7.96	---	---	18
19	---	---	0.0508	0.1498	38.0 E	5.79	1.89	8.75	9.61	8.648	---	---	19
20	---	---	0.0508	0.1308	34.5 E	5.69	1.85	11.0	9.38	8.118	---	---	20
21	---	---	0.0508	0.0808	30.5 E	5.67	1.88	11.7	9.69	8.898	---	---	21
22	---	---	0.0508	0.1498	27.0 E	5.41	1.83	11.8	9.95	8.478	---	---	22
23	---	---	0.0508	0.5158	24.5 E	5.01	1.88	11.8	10.0	8.888	---	---	23
24	---	---	0.0508	2.69 B	21.0 E	4.26	1.83	11.7	10.1	8.808	---	---	24
25	---	---	0.0498	5.67 B	18.5 E	3.80	2.08	12.6	10.2	3.538	---	---	25
26	---	---	0.0438	9.32 B	16.0 E	3.59	2.18	15.4	10.5	4.918	---	---	26
27	---	0.0368	0.0488	10.3 B	14.0 E	3.39	2.60	17.0	10.5	5.378	---	---	27
28	---	0.0388	0.0478	11.2 B	13.0 E	3.28	2.61	18.1	10.2	4.488	---	---	28
29	---		0.0468	13.7 B	10.2 A	3.15	3.42	19.0	10.0	3.518	---	---	29
30	---		0.0518	17.9 B	8.88	3.01	3.49	19.5	9.91	3.508	---	---	30
31	---		0.0488		9.73		3.64	20.3		3.508		---	31
TOTAL	---	---	1.255	75.155	1 210.32	176.82	73.68	395.10	397.00	233.63	---	---	TOTAL
MEAN	---	---	0.041	2.51	39.0	5.85	2.38	9.62	13.2	7.53	---	---	MEAN
MAX	---	---	0.051	17.9	56.3	9.93	3.64	20.3	21.8	9.79	---	---	MAX
MIN	---	---	0.030	0.047	9.73	3.01	1.85	3.48	9.38	3.50	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.1
MAXIMUM DAILY, 56.3 ON MAY 11
MINIMUM DAILY, 0.0308 ON MAR 5
MAXIMUM INSTANTANEOUS,
56.9 AT 21:30 MST ON MAY 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 34 00 N
LONG 117 12 00 W
DRAINAGE AREA, 2 610 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 380
FEB	---	AUG	25 800
MAR	109	SEP	34 300
APR	6 490	OCT	20 200
MAY	105 000	NOV	---
JUN	15 200	DEC	---

TOTAL DISCHARGE, 213 000 dam³

STEEPBANK RIVER NEAR FORT MCMURRAY - STATION NO. 07DA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7208	0.6158	0.3678	0.3908	28.8	7.85E	4.83	1.54 E	1.15	3.87	3.58 B	0.8058	1
2	0.7008	0.6108	0.3588	0.3958	38.4	7.40E	4.38	1.37 E	1.24	3.82	3.44 B	0.8808	2
3	0.6808	0.6058	0.3698	0.4028	37.3	7.00E	4.05	1.31 E	1.25	3.80	3.40 B	0.8558	3
4	0.6908	0.6028	0.3548	0.4188	32.4	6.60E	3.73	1.10 E	1.25	3.90	3.08 B	0.8308	4
5	0.6408	0.3958	0.3548	0.4388	30.7	6.15E	3.42	0.940E	1.42	4.13	2.88 B	0.8058	5
6	0.6208	0.3878	0.3548	0.4488	70.0 E	5.75E	3.12	0.795E	1.50	4.43	2.70 B	0.7908	6
7	0.6108	0.3858	0.3548	0.4818	78.0 E	5.75E	2.89	0.690E	1.62	4.52	2.55 B	0.7858	7
8	0.6008	0.3928	0.3548	0.5608	81.0 E	5.10E	2.64	0.660E	1.65	4.70	2.41 B	0.7458	8
9	0.5908	0.3888	0.3548	0.9808	78.0 E	7.75E	2.38	0.600E	1.82	4.49	2.26 B	0.7258	9
10	0.5808	0.3858	0.3548	1.40 B	66.1	7.00E	2.14	0.470E	1.56	4.40	2.15 B	0.7108	10
11	0.5708	0.3828	0.3548	2.07 B	55.1	6.30E	1.88	0.435E	1.48	4.63	2.02 B	0.6958	11
12	0.5608	0.3808	0.3548	3.00 B	46.8	6.70E	1.69	0.405E	1.62	4.77	1.92 B	0.6758	12
13	0.5508	0.3788	0.3548	4.40 B	40.7	5.08E	1.55	0.380E	1.31	4.89	1.82 B	0.6608	13
14	0.5408	0.3768	0.3548	7.00 B	36.1	4.65E	1.40	0.355E	1.25	5.14	1.73 B	0.6508	14
15	0.5308	0.3748	0.3548	10.3 B	32.3	4.30E	1.32	0.345E	1.25	5.08	1.67 B	0.6358	15
16	0.5208	0.3728	0.3588	11.5 B	28.8	4.13A	1.43	0.328E	1.43	4.83	1.59 B	0.6258	16
17	0.5108	0.3708	0.3608	11.7 B	27.6	4.27	1.38	0.335E	1.60	4.67	1.52 B	0.6158	17
18	0.5008	0.3688	0.3668	11.2 B	26.7 A	4.38	1.28	0.390E	2.23	4.81	1.47 B	0.6058	18
19	0.4908	0.3668	0.3608	10.2 B	22.8 E	4.23	1.15	0.600E	2.60	5.05	1.40 B	0.5958	19
20	0.4858	0.3678	0.3628	8.80 B	20.6 E	4.00	1.04	0.850E	2.98	5.53	1.33 B	0.5858	20
21	0.4808	0.3668	0.3648	7.40 B	18.4 E	3.84	0.988	0.488	3.33	5.34	1.28 B	0.5758	21
22	0.4708	0.3658	0.3588	6.80 B	17.7 E	3.77	1.01	0.398	3.48	5.35	1.23 B	0.5858	22
23	0.4658	0.3648	0.3728	6.04 B	18.1 E	3.82	1.07 A	0.338	3.68	5.44	1.19 B	0.5858	23
24	0.4608	0.3638	0.3788	6.00 B	16.6 E	4.23	1.10 E	0.288	3.69	5.38	1.14 B	0.5458	24
25	0.4538	0.3638	0.3848	6.40 B	15.1 B	5.09	1.08 E	0.700	3.85	4.10	1.11 B	0.5358	25
26	0.4488	0.3618	0.3908	7.78 E	11.8 E	5.72	0.980E	0.537	4.04	3.189	1.07 B	0.5308	26
27	0.4408	0.3598	0.3928	13.0 E	10.3 E	6.08	1.10 E	0.518	4.31	4.709	1.03 B	0.5258	27
28	0.4358	0.3588	0.3848	18.0 E	9.08E	6.03	1.45 E	0.498	4.19	4.388	0.9888	0.5158	28
29	0.4308		0.3928	24.9 E	9.08E	5.73	1.84 E	0.573	4.08	4.028	0.9608	0.5108	29
30	0.4358		0.3908	37.5 A	8.80E	5.37	2.35 E	0.704	3.95	3.858	0.9388	0.5008	30
31	0.4208		0.3888		8.35E		2.00 E	1.02		3.709		0.4958	31
TOTAL	15.877	10.824	11.319	306.763	1 022.38	155.78	83.088	19.445	70.38	143.18	55.883	20.200	TOTAL
MEAN	0.535	0.378	0.365	9.86	33.0	5.56	2.02	0.827	2.35	4.82	1.86	0.852	MEAN
MAX	0.720	0.618	0.394	37.5	81.0	8.10	4.83	1.54	4.31	5.53	3.58	0.905	MAX
MIN	0.420	0.358	0.354	0.380	8.35	3.77	0.988	0.288	1.15	3.70	0.938	0.495	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.95
MAXIMUM DAILY, 81.0E ON MAY 5
MINIMUM DAILY, 0.288 ON AUG 24
MAXIMUM INSTANTANEOUS,
83.0E AT 17:39 MST ON MAY 7

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 00 14 N
LONG 111 24 53 W
DRAINAGE AREA, 1 320 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 630	JUL	5 410
FEB	910	AUG	1 880
MAR	975	SEP	5 050
APR	10 000	OCT	12 400
MAY	85 300	NOV	4 830
JUN	14 400	DEC	1 750

TOTAL DISCHARGE, 156 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM LOGARITHMIC STAGE - DISCHARGE CURVE EXTENSION

STIMSON CREEK NEAR PEKISKO - STATION NO. 05BL007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0038	0.0208	0.288	0.243	0	0	0	0.185	---	---	1
2	---	---	0.0018	0.0208	0.254	0.316	0	0	0	0.176	---	---	2
3	---	---	0.0018	0.0368	0.189	0.293	0	0	0	0.161	---	---	3
4	---	---	0 B	0.4488	0.172	0.219	0	0	0	0.148	---	---	4
5	---	---	0 B	0.4238	0.173	0.181	0	0	0	0.136	---	---	5
6	---	---	0 B	0.4118	0.154	0.091	0	0	0	0.177	---	---	6
7	---	---	0 B	0.388	0.130	0.084	0	0	0.001	0.223	---	---	7
8	---	---	0 B	0.351	0.117	0.084	0	0	E	0.238A	---	---	8
9	---	---	0 B	0.336	0.104	0.032	0	0	0	0.240E	---	---	9
10	---	---	0 B	0.400	0.099	0.022	0	0	0	0.230E	---	---	10
11	---	---	0 B	0.552	0.093	0.056	0	0	0	0.270E	---	---	11
12	---	---	0 B	0.497	0.083	0.018	0	0	0.029	0.330E	---	---	12
13	---	---	0.0028	0.433	0.078	0.022	0	0	0.011	0.310E	---	---	13
14	---	---	0.0058	0.447	0.072	0.011	0	0	0.776	0.300E	---	---	14
15	---	---	0.0038	0.492	0.066	0.003	0	0	0.419	0.320E	---	---	15
16	---	---	0.0048	0.397	0.085	0.009	0	0.001	0.256	0.370E	---	---	16
17	---	---	0.0118	0.285	0.052	0.007	0	0	0.180	0.435E	---	---	17
18	---	---	0.0388	0.204	0.041	0.003	0.043	0	0.128	0.400E	---	---	18
19	---	---	0.0068	0.174	0.035	0	0.114	0	0.138	0.360E	---	---	19
20	---	---	0.0048	0.191	0.030	0.001	0.080	0	0.227	0.330E	---	---	20
21	---	0 A	0.0028	0.181	0.022	0	0.060	0	0.182	0.310E	---	---	21
22	---	0	0.0358	0.189	0.014	0	0.037	0	0.218	0.290E	---	---	22
23	---	0	0.0648	0.182	0.010	0	0.027	0	0.230	0.270E	---	---	23
24	---	0	0.0648	0.156	0.010	0	0.012	0	0.245	0.260E	---	---	24
25	---	0	0.0388	0.177	0.015	0	0.005	0	0.330	0.250E	---	---	25
26	---	0	0.0188	0.210	0.034	0	0.001	0	0.378	0.240E	---	---	26
27	---	0.0018	0.0208	0.215	0.085	0	0.001	0	0.326	0.224E	---	---	27
28	---	0.0038	0.0188	0.188	0.185	0	0	0	0.266	0.240E	---	---	28
29	---		0.0188	0.235	0.194	0	0	0	0.218	0.250E	---	---	29
30	---		0.0208	0.300	0.186	0	0	0	0.197	0.240E	---	---	30
31	---		0.0188		0.183		0	0		0.228A	---	---	31
TOTAL	---	---	0.386	8.847	3.134	1.845	0.340	0.001	5.845	8.132	---	---	TOTAL
MEAN	---	---	0.012	0.295	0.101	0.055	0.011	0	0.188	0.262	---	---	MEAN
MAX	---	---	0.058	0.552	0.288	0.316	0.114	0.001	0.811	0.435	---	---	MAX
MIN	---	---	0	0.020	0.010	0	0	0	0	0.136	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.115
MAXIMUM DAILY, 0.911 ON SEP 13
MINIMUM DAILY, 0 ON MAR 4
MAXIMUM INSTANTANEOUS,
1.91 AT 11:33 MST ON SEP 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 50 N
LONG 114 09 55 W
DRAINAGE AREA, 283 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	28.4
FEB	---	AUG	0.09
MAR	33.4	SEP	488
APR	764	OCT	703
MAY	271	NOV	---
JUN	162	DEC	---

TOTAL DISCHARGE, 2 430 dam³

STIRLING LAKE OUTFLOW NEAR STIRLING - STATION NO. 05AF029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0328	0.213	0.105	0.881	1.35	1.41	0.274	0.848	---	---	1
2	---	---	0.0308	0.216	0.082	1.01	1.08	1.37	0.827	0.867	---	---	2
3	---	---	0.0158	0.205	0.084	1.33	0.810	0.883	1.21	1.19	---	---	3
4	---	---	0.0178	0.231	0.073	1.01	0.783	0.800	1.38	1.39	---	---	4
5	---	---	0.0138	0.243	0.083	0.842	0.886	0.820	1.61	1.44	---	---	5
6	---	---	0.0108	0.234	0.084	0.978	1.01	0.332	3.17	1.21	---	---	6
7	---	---	0.0188	0.205	0.092	0.706	1.75	0.597	3.06	1.30 B	---	---	7
8	---	---	0.0308	0.183	0.210	0.884	2.18	0.711	1.62	1.33 B	---	---	8
9	---	---	0.0428	0.188	0.188	0.788	2.06	0.910	0.886	1.34 B	---	---	9
10	---	---	0.0708	0.180	0.192	0.883	2.37	1.28	0.808	1.34	---	---	10
11	---	---	0.0858	0.126	0.181	0.901	2.85	1.87	0.480	1.36	---	---	11
12	---	---	0.0538	0.130	0.177	0.830	2.76	1.80	3.78	1.14	---	---	12
13	---	---	0.0508	0.101	0.178	0.988	3.04	2.30	7.44	0.811	---	---	13
14	---	---	0.0488	0.082	0.176	0.731	3.00	2.28	8.51	0.480	---	---	14
15	---	---	0.0488	0.088	0.188	0.840	4.08	2.48	3.83	0.333	---	---	15
16	---	---	0.0808	0.084	0.147	0.888	3.72	3.05	1.84	0.488	---	---	16
17	---	---	0.0488	0.077	0.127	0.931	3.02	2.88	0.835	0.803	---	---	17
18	---	---	0.0458	0.088	0.115	0.788	3.02	1.74	0.881	0.718	---	---	18
19	---	---	0.0418	0.088	0.102	0.744	2.31	1.08	0.488	0.889	---	---	19
20	---	---	0.0388	0.083	0.092	0.833	1.38	0.881	0.378	0.883	---	---	20
21	---	---	0.0358	0.126	0.083	1.25	1.38	1.05	0.384	0.837	---	---	21
22	---	---	0.0338	0.132	0.130	1.88	2.08	2.30	0.293	0.803	---	---	22
23	---	---	0.0388	0.113	0.370	1.80	3.73	2.05	0.275	0.410	---	---	23
24	---	---	0.0388	0.088	0.737	2.01	3.80	1.43	0.348	0.330	---	---	24
25	---	---	0.0808	0.087	0.700	1.42	3.38	0.889	0.405	0.383	---	---	25
26	---	---	0.1308	0.137	0.857	1.11	3.70	0.478	0.384	0.370	---	---	26
27	---	0.0278	0.2078	0.178	1.28	1.28	3.28	0.338	0.370	0.372	---	---	27
28	---	0.0248	0.2448	0.181	1.28	0.884	3.17	0.314	0.322	0.327	---	---	28
29	---		0.227	0.128	1.28	0.888	3.06	0.178	0.288	0.183	---	---	29
30	---		0.238	0.118	0.888	1.01	2.18	0.218	0.270	0.136A	---	---	30
31	---		0.218		0.783		1.88	0.148		0.1308		---	31
TOTAL	---	---	3.327	4.328	10.834	30.138	88.148	37.838	40.488	22.878	---	---	TOTAL
MEAN	---	---	0.072	0.141	0.353	1.00	2.23	1.21	1.38	0.712	---	---	MEAN
MAX	---	---	0.244	0.243	1.28	2.01	4.08	3.05	7.44	1.44	---	---	MAX
MIN	---	---	0.018	0.088	0.084	0.838	0.783	0.148	0.288	0.138	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.885
MAXIMUM DAILY, 7.44 ON SEP 13
MINIMUM DAILY, 0.0108 ON MAR 6
MAXIMUM INSTANTANEOUS,
8.48 AT 24:00 MST ON SEP 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 31 50 N
LONG 112 30 39 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 870
FEB	---	AUG	3 280
MAR	193	SEP	3 480
APR	388	OCT	1 810
MAY	845	NOV	---
JUN	2 900	DEC	---

TOTAL DISCHARGE, 18 700 dam³

STONY CREEK NEAR YAWATINAW - STATION NO. 07BE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0148	1.15 B	0.578	0.123	0.074	0.006	0.011	0.032	---	---	1
2	---	---	0.0148	1.09 B	0.527	0.150	0.230	0.005	0.004	0.029	---	---	2
3	---	---	0.0148	1.46 B	0.576	0.073	0.247	0.004	0.002	0.043	---	---	3
4	---	---	0.0148	0.9898	0.463	0.033	0.082	0.005	0.001	0.043	---	---	4
5	---	---	0.0148	0.9898	0.382A	0.024	0.060	0.004	0.000	0.045	---	---	5
6	---	---	0.0148	1.02 B	0.358A	0.021	0.119	0.002	0.024	0.048	---	---	6
7	---	---	0.0148	1.11 B	0.330E	0.022	0.047	0.001	0.008	0.042	---	---	7
8	---	---	0.0148	0.9898	0.300E	0.035	0.015	0.006	0.005	0.040	---	---	8
9	---	---	0.0178	1.02 B	0.275E	0.039	0.008	0.270	0.007	0.035	---	---	9
10	---	---	0.0208	1.07 B	0.300E	0.029	0.007	0.316	0.010	0.036	---	---	10
11	---	---	0.0208	0.9828	0.321A	0.026	0.006	0.305	0.027	0.032	---	---	11
12	---	---	0.0208	0.8978	0.260E	0.024	0.006	0.179	0.026	0.034	---	---	12
13	---	---	0.0208	0.8648	0.280E	0.037	0.006	0.136	0.051	0.038	---	---	13
14	---	---	0.0208	0.7708	0.220E	0.037A	0.006	0.077	0.040	0.033	---	---	14
15	---	---	0.0208	0.678	0.200E	0.040E	0.008	0.056	0.032	0.048	---	---	15
16	---	---	0.0308	0.487	0.280E	0.058E	0.005	0.033	0.035	0.062	---	---	16
17	---	---	0.0408	0.331	0.250E	0.078A	0.005	0.017	0.035	0.050	---	---	17
18	---	---	0.0308	0.318	0.220E	0.080	0.005	0.009	0.017	0.039	---	---	18
19	---	---	0.0258	0.181	0.240E	0.080	0.005	0.003	0.017	0.035	---	---	19
20	---	---	0.0208	0.238	0.250E	0.090	0.005	0.026	0.019	0.032	---	---	20
21	---	---	0.0308	0.387	0.200E	0.068E	0.003	0.034	0.026	0.030	---	---	21
22	---	---	0.0208	0.263	0.140E	0.053E	0.006	0.022	0.045	0.028	---	---	22
23	---	---	0.0208	0.144	0.120E	0.110A	0.006	0.010	0.055	0.032	---	---	23
24	---	---	0.0208	0.183	0.118A	0.058	0.012	0.023	0.083	0.038	---	---	24
25	---	---	0.0308	0.853	0.107	0.488	0.017	0.018	0.068	0.024	---	---	25
26	---	---	0.0208	1.89	0.044	0.359	0.014	0.011	0.053	0.038	---	---	26
27	---	---	0.0308	1.12	0.018	0.234	0.008	0.006	0.050	0.037	---	---	27
28	---	---	0.0408	0.654	0.011	0.172	0.006	0.001	0.050	0.038A	---	---	28
29	---	---	0.0808	0.726	0.018	0.134	0.005	0.001	0.041	0.038E	---	---	29
30	---	---	0.1008	0.888	0.070	0.095	0.005	0.003	0.036	0.036E	---	---	30
31	---	---	0.3548		0.072		0.005	0.011		0.036E		---	31
TOTAL	---	---	1.088	23.718	7.417	3.414	1.021	1.909	0.833	1.127	---	---	TOTAL
MEAN	---	---	0.035	0.791	0.239	0.114	0.033	0.048	0.028	0.036	---	---	MEAN
MAX	---	---	0.354	1.89	0.578	0.558	0.247	0.316	0.068	0.062	---	---	MAX
MIN	---	---	0.014	0.144	0.011	0.021	0.003	0.001	0.001	0.024	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.184
MAXIMUM DAILY, 1.890 ON APR 2
MINIMUM DAILY, 0.001 ON AUG 7
MAXIMUM INSTANTANEOUS,
2.73 AT 04:03 MST ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 35 N
LONG 113 37 45 W
DRAINAGE AREA, 126 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	88.2
FEB	---	AUG	139
MAR	94.0	SEP	72.0
APR	2 050	OCT	97.4
MAY	641	NOV	---
JUN	285	DEC	---

TOTAL DISCHARGE, 3 470 dam³

STRAWBERRY CREEK NEAR THE MOUTH - STATION NO. 05DF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0628	62.6 A	3.58	0.183	0.086	0.040	0.042	0.130	0.1298	---	1
2	---	---	0.0628	66.9	2.84	0.151	0.097	0.048	0.016	0.182	0.1298	---	2
3	---	---	0.0628	36.6	2.80	0.150	0.082	0.054	0.0218	0.138	0.1298	---	3
4	---	---	0.0628	18.7	2.10	0.133	0.076	0.082	0.028	0.117	0.1298	---	4
5	---	---	0.0628	13.7	1.66	0.141	0.088	0.060	0.041	0.104	---	---	5
6	---	---	0.1008	10.6	1.31	0.153	0.087	0.050	0.035	0.097	---	---	6
7	---	---	0.1508	8.42	1.07	0.138	0.083	0.048	0.0248	0.091	---	---	7
8	---	---	0.2008	7.63	0.861	0.178	0.086	0.082	0.0188	0.103	---	---	8
9	---	---	0.2808	8.40	0.748	0.158	0.083	0.091	0.0198	0.100	---	---	9
10	---	---	0.3008	6.91	0.611	0.147	0.086	0.088	0.031	0.101	---	---	10
11	---	---	0.5008	6.97	0.328	0.147	0.069	0.104	0.028	0.100	---	---	11
12	---	---	0.4908	6.02	0.136	0.124	0.045	0.089	0.031	0.086	---	---	12
13	---	---	2.30 B	5.80	0.109	0.138	0.044	0.087	0.038	0.080	---	---	13
14	---	---	5.30 B	5.18	0.098	0.137	0.041	0.078	0.039	0.082	---	---	14
15	---	---	5.40 B	5.45A	0.084	0.144	0.040	0.113	0.048	0.114	---	---	15
16	---	---	11.5 B	4.80E	0.102	0.148	0.042	0.120	0.071	0.108	---	---	16
17	---	---	14.2 B	3.78E	0.090	0.135	0.044	0.120	0.068	0.152	---	---	17
18	---	---	13.8 B	3.07E	0.082	0.139	0.048	0.098	0.051	0.147	---	---	18
19	---	---	13.8 B	2.44E	0.102	0.135	0.049	0.080	0.057	0.178	---	---	19
20	---	---	11.9 B	1.88E	0.138	0.127	0.052	0.078	0.088	0.158	---	---	20
21	---	---	11.3 B	1.58E	0.138	0.118	0.052	0.078	0.088	0.137	---	---	21
22	---	---	8.48 B	1.88E	0.126	0.126	0.048	0.080	0.088	0.063	---	---	22
23	---	---	6.27 B	2.38E	0.123	0.140	0.048	0.080	0.088	0.039	---	---	23
24	---	---	4.95 B	2.68A	0.130	0.220	0.048	0.077	0.078	0.024	---	---	24
25	---	---	9.33 B	7.33	0.188	0.281	0.048	0.073	0.088	0.063	---	---	25
26	---	---	12.8 B	9.72	0.302	0.286	0.047	0.088	0.113	0.027	---	---	26
27	---	---	12.8 B	9.08	0.208	0.230	0.046	0.082	0.112	0.048	---	---	27
28	---	0.0628	11.8 B	7.80	0.208	0.202	0.042	0.080	0.118	0.0788	---	---	28
29	---	---	10.8 B	5.88	0.202	0.188	0.048	0.087	0.120	0.1038	---	---	29
30	---	---	27.8 B	4.84	0.278	0.138	0.048	0.0288	0.118	0.1288	---	---	30
31	---	---	36.1 B		0.302		0.063	0.038		0.1288		---	31
TOTAL	---	---	332.380	227.36	30.534	4.734	1.982	2.280	1.713	3.156	---	---	TOTAL
MEAN	---	---	7.49	10.8	0.883	0.158	0.063	0.073	0.057	0.102	---	---	MEAN
MAX	---	---	36.1	66.9	3.58	0.288	0.086	0.120	0.130	0.182	---	---	MAX
MIN	---	---	0.062	1.58	0.083	0.118	0.040	0.038	0.018	0.024	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.42
MAXIMUM DAILY, 66.9 ON APR 2
MINIMUM DAILY, 0.0188 ON SEP 8
MAXIMUM INSTANTANEOUS,
78.9 AT 06:20 MST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 10 41 N
LONG 114 03 03 W
DRAINAGE AREA, 534 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	163
FEB	---	AUG	184
MAR	20 100	SEP	148
APR	23 300	OCT	273
MAY	1 770	NOV	---
JUN	809	DEC	---

TOTAL DISCHARGE, 51 300 dam³

STREETER CREEK (MAIN STEM) NEAR NANTON - STATION NO. 05AB030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0078	0.001	0.001	0	0	0	0.001	---	---	1
2	---	---	0 B	0.0038	0.001	0.001	0	0	0	0.001	---	---	2
3	---	---	0 B	0.0018	0.001	0.001	0	0	0	0.002	---	---	3
4	---	---	0 B	0.0018	0.001	0.001	0	0	0	0.001	---	---	4
5	---	---	0 B	0.0018	0	0.001	0	0	0.001	0.002	---	---	5
6	---	---	0 B	0.0018	0	0.001	0	0	0.001	0.003	---	---	6
7	---	---	0 B	0.0018	0	0.001	0	0	0.001	0.003	---	---	7
8	---	---	0 B	0.0058	0	0.001	0	0	0.001	0.003	---	---	8
9	---	---	0 B	0.0049	0	0.001	0	0	0.001	0.004	---	---	9
10	---	---	0 B	0.003	0	0.001	0	0	0.001	0.004	---	---	10
11	---	---	0 B	0.002	0	0	0	0	0.001	0.003	---	---	11
12	---	---	0 B	0.002	0	0.001	0	0	0.011	0.003	---	---	12
13	---	---	0 B	0.001	0	0	0	0	0.002	0.003	---	---	13
14	---	---	0.0018	0.001	0.001	0.001	0	0	0.001	0.003	---	---	14
15	---	---	0.0018	0.001	0	0	0	0.001	0.001	0.002	---	---	15
16	---	---	0.0018	0.001	0	0	0	0	0.001	0.002	---	---	16
17	---	---	0.0028	0.001	0	0	0	0	0.001	0.002	---	---	17
18	---	---	0.0038	0.001	0	0	0	0	0.009	0.002	---	---	18
19	---	---	0.0048	0.001	0	0	0	0	0.002	0.003	---	---	19
20	---	---	0.0038	0.001	0	0	0	0	0.001	0.002	---	---	20
21	---	---	0.0028	0.002	0	0	0	0	0.001	0.002	---	---	21
22	---	---	0.0018	0.0018	0	0	0	0.001	0.002	0.003	---	---	22
23	---	---	0.0018	0.0018	0	0	0	0	0.002	0.003	---	---	23
24	---	---	0.0018	0.002	0	0	0	0	0.002	0.003	---	---	24
25	---	08	0.0018	0.003	0.001	0	0	0	0.001	0.003	---	---	25
26	---	08	0.0018	0.003	0.001	0	0	0	0.001	0.004	---	---	26
27	---	08	0 B	0.003	0.001	0	0	0	0.002	0.003	---	---	27
28	---	08	0 B	0.002	0.001	0	0	0.001	0.002	0.003	---	---	28
29	---		0 B	0.001	0.001	0	0	0	0.002	0.003	---	---	29
30	---		0 B	0.001	0.001	0	0	0	0.001	0.003A	---	---	30
31	---		0.0018		0.001		0	0		0.003E		---	31
TOTAL	---	---	0.023	0.058	0.012	0.012	0	0.003	0.045	0.081	---	---	TOTAL
MEAN	---	---	0.001	0.002	0	0	0	0	0.002	0.003	---	---	MEAN
MAX	---	---	0.004	0.007	0.001	0.001	0	0.001	0.011	0.004	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.011 ON SEP 12
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
0.037 AT 09:21 MST ON SEP 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 07 24 N
LONG 114 03 20 W
DRAINAGE AREA, 5.05 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0.26
MAR	1.98	SEP	3.89
APR	5.01	OCT	7.00
MAY	1.04	NOV	---
JUN	1.04	DEC	---

TOTAL DISCHARGE, 20.2 dam³

STRETTON CREEK NEAR MARWAYNE - STATION NO. 05EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.3878	0.011	0.005	0	0	0	0	0	---	1
2	---	---	0 B	1.20 B	0.009	0.004	0	0	0	0	0	---	2
3	---	---	0 B	1.05	0.008	0.003	0	0	0	0	0	---	3
4	---	---	0 B	1.05	0.008	0.003	0	0	0	0	0	---	4
5	---	---	0 B	0.848	0.008	0.001	0	0	0	0	0	---	5
6	---	---	0 B	0.699	0.007	0.001	0	0	0	0	0	---	6
7	---	---	0 B	0.418	0.006	0.002	0	0	0	0	0A	---	7
8	---	---	0 B	0.221	0.005	0.004	0	0	0	0	---	---	8
9	---	---	0 B	0.239	0.005	0.004	0	0	0	0	---	---	9
10	---	---	0 B	0.181	0.007	0.004	0	0	0	0	---	---	10
11	---	---	0 B	0.143	0.008	0.004	0	0	0	0	---	---	11
12	---	---	0 B	0.102	0.011	0.004	0	0	0	0	---	---	12
13	---	---	0 B	0.071	0.011	0.004	0	0	0	0	---	---	13
14	---	---	0 B	0.070	0.010	0.004	0	0	0	0	---	---	14
15	---	---	0 B	0.067	0.009	0.004	0	0	0	0	---	---	15
16	---	---	0 B	0.091	0.008	0.004	0	0	0	0	---	---	16
17	---	---	0.0138	0.089	0.008	0.004	0	0	0	0	---	---	17
18	---	---	0.3668	0.082	0.008	0.004	0	0	0	0	---	---	18
19	---	---	1.23 B	0.041	0.008	0.004	0	0	0	0	---	---	19
20	---	---	1.23 B	0.038	0.008	0.003	0	0	0	0	---	---	20
21	---	---	1.32 B	0.040	0.008	0.003	0	0	0	0	---	---	21
22	---	---	0.7878	0.038	0.007	0.003	0	0	0	0	---	---	22
23	---	---	0.8118	0.034	0.007	0.003	0	0	0	0	---	---	23
24	---	---	0.8218	0.037	0.008	0.002	0	0	0	0	---	---	24
25	---	---	0.4888	0.040	0.008	0.002	0	0	0	0	---	---	25
26	---	---	0.3918	0.043	0.007	0.001	0	0	0	0	---	---	26
27	---	---	0.3288	0.038	0.007	0	0	0	0	0	---	---	27
28	---	---	0.3248	0.033	0.008	0	0	0	0	0	---	---	28
29	---		0.3588	0.030	0.008	0	0	0	0	0	---	---	29
30	---		0.4338	0.018	0.007	0	0	0	0	0	---	---	30
31	---		0.6888		0.008		0	0		0		---	31
TOTAL	---	---	9.088	8.088	0.247	0.082	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.293	0.269	0.008	0.003	0	0	0	0	---	---	MEAN
MAX	---	---	1.32	1.20	0.011	0.005	0	0	0	0	---	---	MAX
MIN	---	---	0	0.018	0.008	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.071
MAXIMUM DAILY, 1.320 ON MAR 21
MINIMUM DAILY, 0E ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 27 13 N
LONG 110 15 31 W
DRAINAGE AREA, 83.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	788	SEP	0
APR	895	OCT	0
MAY	33.3	NOV	---
JUN	7.00	DEC	---

TOTAL DISCHARGE, 1 810 dam³

STURGEON LAKE AT WILLIAMSON PARK - STATION NO. 07GH003

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	676.985	676.828	676.867	676.725	676.806	---	---	1
2	---	---	---	---	---	676.965	676.826	676.867	676.725	676.809	---	---	2
3	---	---	---	676.884	677.036	676.930	676.808	676.867	676.736	676.810	---	---	3
4	---	---	---	---	677.026	676.930	676.776	676.676	676.736	676.812	---	---	4
5	---	---	676.834	---	677.026	676.926	676.758	676.678	676.734	676.821	---	---	5
6	---	---	---	---	677.036	676.905	676.748	676.676	676.723	676.825	---	---	6
7	---	---	---	---	677.046	676.885	676.726	676.660	676.723	676.829	---	---	7
8	---	---	---	---	677.046	676.885	676.716	676.696	676.732	676.830	---	---	8
9	---	---	---	---	677.046	676.876	676.716	676.694	676.732	676.836	---	---	9
10	---	---	---	676.900	677.056	---	676.716	676.694	676.732	676.838	---	---	10
11	---	---	---	---	677.056	---	676.706	676.703	676.731	676.839	---	---	11
12	---	---	---	---	677.056	---	676.706	676.713	676.731	676.843	---	---	12
13	---	---	---	---	677.056	---	676.726	676.713	676.740	676.847	---	---	13
14	---	---	---	---	677.056	---	676.736	676.722	676.740	676.851	---	---	14
15	---	---	---	---	677.046	---	676.736	676.722	676.730	676.857	---	---	15
16	---	---	---	---	677.006	---	676.736	676.731	676.731	676.880	---	---	16
17	---	---	---	677.034	677.006	676.848	676.726	676.731	676.733	676.888	---	---	17
18	---	---	---	---	677.016	676.836	676.726	676.721	676.733	676.875	---	---	18
19	---	---	---	---	677.016	676.836	676.716	676.720	676.736	676.884	---	---	19
20	---	---	---	---	677.016	676.791	676.716	676.720	676.736	676.890	---	---	20
21	---	---	---	---	676.996	676.806	676.716	676.708	676.736	676.893	---	---	21
22	---	---	---	---	676.961	676.791	676.716	676.708	676.741	676.889	---	---	22
23	---	---	---	677.044	676.976	676.766	676.733	676.708	676.748	676.907	---	---	23
24	---	---	---	---	676.976	676.766	676.691	676.716	676.784	676.918	---	---	24
25	---	---	---	---	676.956	676.756	676.680	676.716	676.779	676.920	---	---	25
26	---	---	---	---	676.986	676.736	676.680	676.716	676.785	676.933	---	---	26
27	---	---	---	---	676.986	676.746	676.669	676.722	676.773	676.935	---	---	27
28	---	---	---	---	676.976	676.746	676.669	676.727	676.776	676.930	---	---	28
29	---	---	---	---	676.976	676.756	676.684	676.726	676.787	676.930	---	---	29
30	---	---	---	---	676.966	676.826	676.658	676.726	676.797	676.930E	---	---	30
31	---	---	---	---	676.966		676.658	676.716		676.930E		---	31
MEAN	---	---	---	---	---	---	676.723	676.706	676.743	676.869	---	---	MEAN
MAX	---	---	---	---	---	---	676.826	676.731	676.787	676.930	---	---	MAX
MIN	---	---	---	---	---	---	676.658	676.667	676.723	676.806	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 05 00 N
LONG 117 33 30 W

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA, 843 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

STURGEON RIVER AT ST. ALBERT - STATION NO. 05EA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.4000	7.680	17.4	5.99	5.12	1.37	1.54	1.38	1.85	---	1
2	---	---	0.4052	10.1 B	17.1	5.66	5.14	1.30	1.60	1.40	1.81	---	2
3	---	---	0.4108	13.6 B	16.8	5.54	5.12	1.24	1.67	1.58	1.80	---	3
4	---	---	0.4148	15.5 B	16.7	5.45	4.87	1.16	1.39	1.47	1.49	---	4
5	---	---	0.4178	16.3 B	16.1	5.48	4.83	1.07	1.41	1.44	1.48	---	5
6	---	---	0.4408	19.7	15.1	5.80	4.61	0.982	1.32	1.41	1.44	---	6
7	---	---	0.4808	20.8	14.7	5.07	4.32	0.888	1.34	1.37	---	---	7
8	---	---	0.5598	21.9	14.4	5.11	4.05	2.34	1.32	1.37	---	---	8
9	---	---	0.6198	22.7	13.9	5.01	3.84	1.49	1.30	1.41	---	---	9
10	---	---	0.6868	23.2	13.3	4.81	3.63	1.32	1.38	1.43	---	---	10
11	---	---	0.6838	23.6	13.0	4.85	3.61	1.41	1.36	1.45	---	---	11
12	---	---	0.6878	23.8	12.6	4.61	3.98	1.62	1.18	1.72	---	---	12
13	---	---	0.6038	24.1	12.0	4.62	3.62	1.38	1.67	1.68	---	---	13
14	---	---	0.6218	23.7	11.8	4.67	3.27	1.87	1.63	1.78	---	---	14
15	---	---	0.6448	23.8	11.1	4.81	3.08	2.04	1.40	1.82	---	---	15
16	---	---	0.6338	23.6	10.7	5.01	3.42	1.68	1.56	1.78	---	---	16
17	---	---	0.6868	23.3	10.3	4.38	3.05	1.56	1.47	1.68	---	---	17
18	---	---	0.6858	22.8	9.75	4.14	3.13	1.48	1.27	1.85	---	---	18
19	---	---	0.7778	22.0	9.44	3.88	2.88	1.44	1.30	1.82	---	---	19
20	---	---	0.8428	23.2	9.14	4.04	2.74	2.03	1.21	1.83	---	---	20
21	---	---	0.7278	22.0	8.70	3.84	2.63	1.86	1.41	1.80	---	---	21
22	---	---	0.6878	21.5	8.31	3.62	2.47	1.62	1.40	1.84	---	---	22
23	---	---	1.26 B	20.8	7.88	4.08	2.37	1.80	1.38	1.71	---	---	23
24	---	---	1.72 B	20.1	7.39	4.85	2.38	1.85	1.47	1.73	---	---	24
25	---	---	2.08 B	19.8	7.38	4.38	2.31	1.82	1.37	1.67	---	---	25
26	---	---	2.38 B	18.1	7.18	4.33	2.10	1.87	1.43	1.88	---	---	26
27	---	---	2.69 B	18.9	6.88	4.088	2.03	1.48	1.38	1.83	---	---	27
28	---	---	2.83 B	18.5	6.83	4.788	1.88	1.42	1.32	1.88	---	---	28
29	---		3.17 B	18.2	6.67	5.03	1.78	1.41	1.38	1.81	---	---	29
30	---		4.31 B	17.8	6.36	5.14	1.82	1.84	1.38	1.87	---	---	30
31	---		5.81 B		6.07		1.67	1.83		1.84		---	31
TOTAL	---	---	40.885	651.78	344.07	143.33	101.00	48.448	41.38	49.02	---	---	TOTAL
MEAN	---	---	1.32	30.1	11.1	4.77	3.26	1.58	1.38	1.58	---	---	MEAN
MAX	---	---	5.81	24.1	17.4	5.99	5.14	2.34	1.67	1.82	---	---	MAX
MIN	---	---	0.400	7.88	6.07	3.83	1.67	0.888	1.18	1.37	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.95
MAXIMUM DAILY, 24.1 ON APR 13
MINIMUM DAILY, 0.4000 ON MAR 1
MAXIMUM INSTANTANEOUS, 26.4 AT 15:10 MST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 36 05 N
LONG 113 37 33 W
DRAINAGE AREA, 2 850 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 730
FEB	---	AUG	4 010
MAR	3 530	SEP	3 580
APR	53 000	OCT	4 240
MAY	29 700	NOV	---
JUN	12 400	DEC	---

TOTAL DISCHARGE, 118 000 dam³

STURGEON RIVER NEAR PORT SASKATCHEWAN - STATION NO. 05EA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2910	13.30	10.9	5.05	1.75	0.700	1.82	1.55	1.440	---	1
2	---	---	0.2920	17.20	10.4	4.81	1.63	0.733	1.82	1.37	1.500	---	2
3	---	---	0.2930	16.10	17.9	4.65	1.50	0.705	1.85	1.31	1.900	---	3
4	---	---	0.2950	22.60	17.2	4.24	1.31	0.763	1.47	1.20	1.890	---	4
5	---	---	0.3000	26.10	16.8	4.04	1.23	0.763	1.62	1.27	1.750	---	5
6	---	---	0.3020	24.60	15.9	3.82	1.15	0.802	1.46	1.21	1.550	---	6
7	---	---	0.3040	26.60	14.3	3.69	1.14	0.859	1.53	1.20	---	---	7
8	---	---	0.3090	33.70	15.7	3.46	1.09	1.15	1.42	1.17	---	---	8
9	---	---	0.3130	30.1	15.3	3.19	1.05	0.980	1.47	0.981	---	---	9
10	---	---	0.3180	25.2	14.7	3.05	0.969	1.02	1.87	0.935	---	---	10
11	---	---	0.3240	28.6	14.3	2.72	0.982	1.15	1.83	0.870	---	---	11
12	---	---	0.3330	28.4	13.9	2.39	0.951	1.31	1.58	0.958	---	---	12
13	---	---	0.3500	26.7	13.6	2.23	0.824	1.31	1.71	0.971	---	---	13
14	---	---	0.4200	26.2	13.2	2.08	0.823	1.28	1.62	1.15	---	---	14
15	---	---	0.5000	26.4	12.2	2.04	0.831	1.46	1.65	1.28	---	---	15
16	---	---	0.6200	27.9	12.3	1.90	0.822	1.33	1.74	1.35	---	---	16
17	---	---	0.7000	26.1	12.0	1.83	0.876	1.33	1.69	1.63	---	---	17
18	---	---	0.8500	24.7	11.5	1.89	0.882	1.40	1.57	1.50	---	---	18
19	---	---	1.62 E	24.5	11.0	1.70	0.867	1.43	1.64	1.34	---	---	19
20	---	---	2.78 E	23.6	10.2	1.64	0.875	1.43	1.61	1.23	---	---	20
21	---	---	3.75 E	22.6	9.30	1.85	0.858	1.40	1.77	1.14	---	---	21
22	---	---	4.72 E	23.2	8.32	1.79	0.818	1.38	1.58	1.11	---	---	22
23	---	---	5.68 E	23.7	8.80	1.85	0.791	1.47	1.67	1.11	---	---	23
24	---	---	6.65 E	22.2	8.20	4.39	0.780	1.58	1.60	1.14	---	---	24
25	---	---	7.61 E	21.5	7.24	5.55	0.760	1.54	1.61	1.41	---	---	25
26	---	---	8.58 E	21.2	6.83	4.76	0.715	1.41	1.64	1.50	---	---	26
27	---	---	9.31 E	20.6	6.74	3.31	0.849	1.42	1.60	1.34	---	---	27
28	---	0.2900	5.89 E	20.3	6.35	2.95	0.885	1.44	1.61	1.15 E	---	---	28
29	---		5.06 E	19.7	6.47	2.03	0.872	1.47	1.57	1.47 E	---	---	29
30	---		6.24 E	19.1	6.37	1.86	0.875	1.55	1.66	1.73 E	---	---	30
31	---		8.93 E		6.85		0.885	1.66		1.82 E		---	31
TOTAL	---	---	81.534	723.8	372.68	90.57	28.751	36.275	48.15	39.289	---	---	TOTAL
MEAN	---	---	2.63	24.1	12.1	3.02	0.880	1.23	1.61	1.27	---	---	MEAN
MAX	---	---	8.93	33.7	16.9	5.55	1.75	1.66	1.87	1.73	---	---	MAX
MIN	---	---	0.291	12.3	5.85	1.70	0.685	0.700	1.42	0.958	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.82
MAXIMUM DAILY, 33.70 ON APR 6
MINIMUM DAILY, 0.2910 ON MAR 1
MAXIMUM INSTANTANEOUS,
43.40 AT 08:00 MST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 47 14 N
LONG 113 13 23 W
DRAINAGE AREA, 3 350 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 870
FEB	---	AUG	3 310
MAR	7 040	SEP	4 160
APR	62 500	OCT	3 390
MAY	33 300	NOV	---
JUN	7 830	DEC	---

TOTAL DISCHARGE, 123 000 dam³

STURGEON RIVER NEAR MAGNOLIA BRIDGE - STATION NO. 05EA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0388	3.30 E	0.774	0.178	0.130E	0.005	0.026	0.018	0.0228	---	1
2	---	---	0.0388	5.37 E	0.670	0.077	0.080E	0.003	0.032	0.013	0.0228	---	2
3	---	---	0.0388	5.10 E	0.619	0.058	0.050E	0.003	0.029	0.015	0.0228	---	3
4	---	---	0.0388	5.35 E	0.555	0.051	0.045E	0.007	0.022	0.026	0.0228	---	4
5	---	---	0.0428	4.13 E	0.531	0.070	0.042E	0.006	0.022	0.024	0.0228	---	5
6	---	---	0.0438	4.21 E	0.438	0.055	0.040E	0.001	0.019	0.019	---	---	6
7	---	---	0.0458	3.96 E	0.447	0.075	0.040E	0	0.024	0.003	---	---	7
8	---	---	0.0428	4.74 E	0.409	0.051	0.040E	0.011	0.038	0.015	---	---	8
9	---	---	0.0388	5.33 E	0.274	0.109	0.042E	0.003	0.028	0.023	---	---	9
10	---	---	0.0408	6.24	0.188	0.051	0.048E	0	0.010	0.035	---	---	10
11	---	---	0.0418	5.33	0.117	0.078	0.052	0	0.005	0.035	---	---	11
12	---	---	0.0448	3.96	0.085	0.077	0.071	0.003	0.038	0.032	---	---	12
13	---	---	0.0488	3.86	0.080	0.128	0.035	0.001	0.288	0.083	---	---	13
14	---	---	0.0728	3.44	0.055E	0.117	0.024	0.005	0.357	0.014	---	---	14
15	---	---	0.1088	3.73	0.045E	0.121	0.014	0.039	0.103	0.036	---	---	15
16	---	---	0.1488	3.01	0.040E	0.120	0.021	0.043	0.038	0.083	---	---	16
17	---	---	0.2088	1.87	0.030E	0.130	0.038	0.031	0.035	0.051	---	---	17
18	---	---	0.3708	1.37	0.023	0.108	0.035	0.036	0.028	0.040	---	---	18
19	---	---	0.6818	1.13	0.016	0.362	0.048	0.037	0.038	0.038	---	---	19
20	---	---	0.8548	1.01	0.011	0.765	0.056	0.048	0.034	0.038	---	---	20
21	---	---	0.7778	0.861	0.017	0.308	0.044	0.048	0.048	0.033	---	---	21
22	---	---	0.5818	0.880	0.023	0.135	0.032	0.038	0.038	0.038	---	---	22
23	---	---	0.5748	1.13	0.010	0.103	0.032	0.038	0.037	0.033	---	---	23
24	---	---	0.7628	1.80	0.005	1.15	0.030E	0.032	0.038	0.033	---	---	24
25	---	---	0.7858	3.81	0.023	1.87	0.035E	0.038	0.047	0.017	---	---	25
26	---	---	0.7858	3.37	0.052	0.728	0.015E	0.055	0.030	0.031	---	---	26
27	---	0.0238	0.7708	2.00	0.045	0.418	0.008	0.075	0.029	0.018	---	---	27
28	---	0.0388	0.7108	1.86	0.048	0.388	0.018	0.034	0.028	0.018	---	---	28
29	---		0.7008	1.17	0.108	0.274	0.018	0.038	0.031	0.018	---	---	29
30	---		0.7108	0.884	0.088	0.188	0.018	0.032	0.031	0.0238	---	---	30
31	---		0.7318		0.113		0.014	0.030		0.0238		---	31
TOTAL	---	---	10.831	88.406	5.038	8.303	1.171	0.914	1.831	0.783	---	---	TOTAL
MEAN	---	---	0.349	3.31	0.181	0.273	0.038	0.033	0.061	0.028	---	---	MEAN
MAX	---	---	0.854	5.37	0.774	1.87	0.130	0.075	0.357	0.083	---	---	MAX
MIN	---	---	0.039	0.880	0.005	0.058	0.005	0	0.005	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.512
MAXIMUM DAILY, 5.370 ON APR 3
MINIMUM DAILY, 0 ON AUG 7
MAXIMUM INSTANTANEOUS,
12.00 AT 15:30 MST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 39 N
LONG 114 51 35 W
DRAINAGE AREA, 121 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	101
FEB	---	AUG	81.7
MAR	938	SEP	131
APR	5 330	OCT	97.8
MAY	513	NOV	---
JUN	708	DEC	---

TOTAL DISCHARGE, 10 000 dam³

STURGEON RIVER NEAR VILLENEUVE - STATION NO. 05EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5900	0.5440	0.6740	35.7 B	9.32	3.85	2.69	0.938	0.789	0.332	0.281	0.2788	1
2	0.5810	0.5400	0.6730	34.0 B	8.60	3.90	3.23	0.884	0.795	0.143	0.420	0.2788	2
3	0.5653	0.5528	0.6730	31.5	8.01	3.65	2.92	0.844	0.731	0.024	0.347	0.2788	3
4	0.5670	0.5568	0.6720	36.0	7.74	3.60	2.76	0.795	0.643	0.011	0.400	0.2788	4
5	0.5708	0.5585	0.6720	37.1	7.35	3.75	2.58	0.884	0.600	0.145	0.4808	0.2788	5
6	0.5758	0.5608	0.6758	35.8	6.93	3.72	2.40	0.714	0.548	0.158	0.4808	0.2808	6
7	0.5808	0.5608	0.6788	32.4	5.65	3.84	2.26	0.685	0.455	0.048	0.4908	0.2908	7
8	0.5858	0.5618	0.6808	29.5	5.12	3.87	2.11	0.675	0.430	0.045	0.4758	0.2858	8
9	0.5908	0.5628	0.6858	26.5	5.74	3.85	2.07	0.674	0.413	0.055	0.4608	0.2848	9
10	0.5958	0.5638	0.6908	24.4	5.44	3.83	2.08	0.902	0.321	0.045	0.4408	0.2808	10
11	0.5978	0.5638	0.7008	22.7	5.14	3.60	2.10	0.845	0.260	0.011	0.4208	0.2888	11
12	0.6008	0.5658	0.7108	21.6	5.00	3.33	2.14	0.857	0.136	0.050	0.4008	0.2868	12
13	0.6058	0.5678	0.7258	19.6	4.89	3.30	2.11	0.834	0.170	0.029	0.3808	0.2788	13
14	0.6078	0.5698	0.7458	18.8	4.74	3.28	2.02	0.821	0.284	0.458	0.3708	0.2808	14
15	0.6108	0.5708	0.7808	19.6	4.48	3.38	1.98	0.818	0.415	0.396	0.3508	0.2878	15
16	0.6108	0.5728	0.8408	11.2	4.37	3.31	2.02	0.788	0.513	0.187	0.3358	0.3008	16
17	0.6138	0.5758	1.15 B	9.61	4.24	3.17	1.86	0.648	0.517	0.171	0.3268	0.3028	17
18	0.6158	0.5778	1.80 B	8.71	4.09	3.04	1.67	0.784	0.470	0.329	0.3158	0.3038	18
19	0.6178	0.5798	3.53 B	7.89	3.93	3.03	1.64	0.773	0.432	0.122	0.3068	0.3108	19
20	0.6208	0.5808	5.45 B	7.61	3.82	2.95	1.38	0.841	0.418	0.079	0.3008	0.3138	20
21	0.6218	0.5788	7.22 B	7.15	3.80	3.13	1.35	0.828	0.384	0.081	0.2958	0.3178	21
22	0.6238	0.5788	8.81 B	8.01	3.85	2.93	1.34	0.788	0.388	0.129	0.2858	0.3258	22
23	0.6248	0.5748	9.47 B	8.61	3.83	2.93	1.31	0.782	0.548	0.135	0.2838	0.3388	23
24	0.6258	0.5778	9.37 B	8.98	3.84	4.10	1.23	0.718	0.464	0.187	0.2808	0.3438	24
25	0.6278	0.5778	9.38 B	9.46	3.84	7.10	1.28	0.704	0.425	0.148	0.2788	0.3508	25
26	0.6308	0.5788	9.75 B	8.27	3.82	9.08	1.25	0.686	0.414	0.087	0.2778	0.3508	26
27	0.6348	0.5788	9.56 B	9.49	3.78	8.04	1.16	0.668	0.381	0.124	0.2778	0.3718	27
28	0.6378	0.5788	9.53 B	10.1	3.76	8.27	1.12	0.687	0.331	0.257	0.2778	0.3828	28
29	0.6388		9.84 B	10.1	3.78	8.84	1.04	0.686	0.320	0.115	0.2768	0.3938	29
30	0.6408		7.40 B	9.96	3.75	8.11	0.973	0.819	0.080	0.140	0.2788	0.4048	30
31	0.6418		10.6 B		3.84		0.949	0.846		0.175		0.4158	31
TOTAL	18.782	16.896	98.032	544.25	158.82	122.18	57.534	24.605	13.887	4.349	10.567	9.724	TOTAL
MEAN	0.606	0.666	3.10	18.1	5.11	4.07	1.86	0.794	0.430	0.140	0.352	0.314	MEAN
MAX	0.641	0.620	10.6	37.1	9.32	9.08	3.59	0.938	0.795	0.458	0.490	0.415	MAX
MIN	0.580	0.644	0.672	8.61	3.74	2.93	0.949	0.686	0.080	0.011	0.278	0.275	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.95
MAXIMUM DAILY, 37.1 ON APR 5
MINIMUM DAILY, 0.011 ON OCT 4
MAXIMUM INSTANTANEOUS,
37.5 AT 15:45 MST ON APR 5

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 18 N
LONG 113 45 43 W
DRAINAGE AREA, 1 910 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 620	JUL	4 970
FEB	1 620	AUG	2 130
MAR	8 300	SEP	1 110
APR	47 000	OCT	376
MAY	13 700	NOV	913
JUN	10 600	DEC	840

TOTAL DISCHARGE, 93 200 dam³

SUNDANCE CREEK NEAR BICKERDIKE - STATION NO. 07AF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.3608	0.5478	1.84	1.80	1.85	0.478	0.388	0.783E	---	---	1
2	---	---	0.3608	0.5888	2.08	1.85	1.84	0.455	0.384	0.758E	---	---	2
3	---	---	0.3608	0.5748	2.63	1.47	1.38	0.431	0.361	0.747E	---	---	3
4	---	---	0.3508	0.5888	2.93	1.28	1.15	0.448	0.300	0.765E	---	---	4
5	---	---	0.3608	0.5748	3.00	1.11	0.951	0.482	0.284	0.740E	---	---	5
6	---	---	0.3708	0.5858	2.85	1.04	0.819	0.483	0.308	0.738E	---	---	6
7	---	---	0.3808	0.5808	3.45	1.03	0.697	0.458	0.330	0.735E	---	---	7
8	---	---	0.3408	0.6878	2.68	1.30	0.827	0.593	0.349	0.733A	---	---	8
9	---	---	0.3208	0.6018	2.32	1.18	0.588	0.745	0.388	0.735	---	---	9
10	---	---	0.3808	0.9598	2.17	1.00	0.488	0.747	0.378	0.744	---	---	10
11	---	---	0.3708	1.13 B	3.00	0.902	0.435	0.728	0.391	0.745	---	---	11
12	---	---	0.3708	1.28 B	1.88	0.811	0.418	0.771	0.478	0.743	---	---	12
13	---	---	0.3708	1.31 B	1.71	0.782	0.398	0.885	0.943A	0.729	---	---	13
14	---	---	0.3808	1.35 B	1.58	0.784	0.356	0.845	1.08 E	0.745	---	---	14
15	---	---	0.3908	1.38 B	1.48	0.737	0.343	0.889	1.70 E	0.847	---	---	15
16	---	---	0.3308	1.61 B	1.38	0.710	0.358	1.30	1.50 E	0.972	---	---	16
17	---	---	0.3808	1.62 B	1.30	0.674	0.386	1.12	1.30 E	1.03	---	---	17
18	---	---	0.3808	1.46 B	1.31	0.605	0.385	0.833	1.13 E	0.981	---	---	18
19	---	---	0.4208	1.08 B	1.15	0.595	0.358	0.771	1.08 E	0.944	---	---	19
20	---	---	0.4308	1.07 B	1.10	0.538	0.354	0.700	0.980E	0.909	---	---	20
21	---	---	0.4408	1.08 B	1.04	0.535	0.394	0.678	0.920E	0.900A	---	---	21
22	---	---	0.4508	2.08 B	0.974	0.523	0.413	0.681	0.870E	0.870E	---	---	22
23	---	---	0.4408	1.73	0.928	0.504	0.484	0.623	0.830E	0.840E	---	---	23
24	---	---	0.3308	1.88	0.870	1.85	0.617	0.695	0.815E	0.818E	---	---	24
25	---	0.4888	0.3688	1.82	1.01	3.08	0.890	0.634	0.800E	0.788E	---	---	25
26	---	0.4118	0.3768	1.88	1.48	3.85	0.673	0.387	0.780E	0.770E	---	---	26
27	---	0.3918	0.3688	1.77	1.86	4.41	0.609	0.351	0.760E	0.760E	---	---	27
28	---	0.3928	0.3668	1.78	1.43	3.88	0.478	0.333	0.770E	0.730E	---	---	28
29	---		0.3688	1.73	1.71	3.04	0.453	0.298	0.788E	0.710E	---	---	29
30	---		0.3668	1.73	2.32	2.35	0.487	0.323	0.765E	0.690E	---	---	30
31	---		0.3988		2.86		0.501	0.384		0.674B		---	31
TOTAL	---	---	11.087	40.288	56.842	43.903	19.478	18.985	23.887	24.827	---	---	TOTAL
MEAN	---	---	0.358	1.34	1.77	1.48	0.628	0.613	0.796	0.784	---	---	MEAN
MAX	---	---	0.450	2.08	3.00	4.41	1.85	1.30	1.98	1.03	---	---	MAX
MIN	---	---	0.270	0.887	0.870	0.535	0.343	0.298	0.284	0.674	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.984
MAXIMUM DAILY, 4.41 ON JUL 27
MINIMUM DAILY, 0.2700 ON [illegible] 11
MAXIMUM INSTANTANEOUS,
4.49 AT 05:01 MST ON JUN 27

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 33 56 N
LONG 118 42 12 W
DRAINAGE AREA, 186 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 880
FEB	---	AUG	1 840
MAR	988	SEP	1 980
APR	3 480	OCT	2 130
MAY	4 780	NOV	---
JUN	3 780	DEC	---

TOTAL DISCHARGE, 20 400 dam³

SUNWAPTA RIVER AT ATHABASCA GLACIER - STATION NO. 07AA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.0308	1.26	4.87	7.09	1.83	0.178	---	---	1
2	---	---	---	---	0.0369	1.33	4.85	6.90	1.32	0.188	---	---	2
3	---	---	---	---	0.0458	1.44	5.50	7.21	1.53	0.182	---	---	3
4	---	---	---	---	0.0509	1.55	5.97	7.65	1.15	0.138	---	---	4
5	---	---	---	---	0.0458	1.60	5.34	5.25	1.26	0.140	---	---	5
6	---	---	---	---	0.0358	1.55	5.54	4.80	0.731	0.138	---	---	6
7	---	---	---	---	0.0508	1.37	5.61	4.82	0.549	0.118	---	---	7
8	---	---	---	---	0.0358	1.05	5.39	3.74	0.487	0.108	---	---	8
9	---	---	---	---	0.0308	0.745	5.85	3.31	0.440	0.111	---	---	9
10	---	---	---	---	0.0839	0.829	7.43	3.66	0.540	0.119	---	---	10
11	---	---	---	---	0.1008	0.708	6.77	2.90	0.731	0.105	---	---	11
12	---	---	---	---	0.0758	1.27	5.65	2.40	1.13	0.102	---	---	12
13	---	---	---	---	0.0958	1.41	4.45	1.89	1.24	0.104	---	---	13
14	---	---	---	---	0.1158	1.84	4.53	2.59	1.06	0.099	---	---	14
15	---	---	---	---	0.1408	1.98	4.76	3.46	0.881	0.100	---	---	15
16	---	---	---	---	0.1858	1.46	4.89	2.17	0.780	0.138	---	---	16
17	---	---	---	---	0.2408	1.31	5.04	2.61	0.634	0.119	---	---	17
18	---	---	---	---	0.4508	1.67	4.88	3.21	0.539	0.105	---	---	18
19	---	---	---	---	0.6408	2.38	5.86	5.87	0.485	0.106	---	---	19
20	---	---	---	---	0.8008	3.01	6.79	3.10	0.408	0.089	---	---	20
21	---	---	---	---	0.9808	2.35	7.89	1.78	0.371	0.095	---	---	21
22	---	---	---	---	1.19 E	1.85	7.30	1.68	0.289	0.092	---	---	22
23	---	---	---	---	1.42 A	1.35	6.85	2.85	0.264	0.089	---	---	23
24	---	---	---	---	2.35	0.961	6.03	4.20	0.233	0.0858	---	---	24
25	---	---	---	---	2.46	0.825	5.31	4.74	0.230	0.0888	---	---	25
26	---	---	---	---	1.93	1.16	5.30	3.23	0.230	0.0808	---	---	26
27	---	---	---	---	1.72	1.69	4.04	2.84	0.201	0.0588	---	---	27
28	---	---	---	---	1.82	2.30	4.50	3.82	0.183	0.0488	---	---	28
29	---	---	---	---	1.53	3.70	5.30	3.21	0.177	0.0418	---	---	29
30	---	---	---	---	1.43	4.83	5.66	2.63	0.173	0.0368	---	---	30
31	---	---	---	---	1.34		7.05	1.99		0.0328		---	31
TOTAL	---	---	---	---	21.190	50.438	178.43	112.02	19.817	3.193	---	---	TOTAL
MEAN	---	---	---	---	0.684	1.68	5.76	3.61	0.661	0.103	---	---	MEAN
MAX	---	---	---	---	2.46	4.83	7.89	7.65	1.83	0.178	---	---	MAX
MIN	---	---	---	---	0.030	0.825	4.04	1.68	0.173	0.032	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.09
MAXIMUM DAILY, 7.89 ON JUL 21
MINIMUM DAILY, 0.0308 ON MAY 1
MAXIMUM INSTANTANEOUS,
10.3 AT 17:10 MST ON JUL 21

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 00 N
LONG 117 13 57 W
DRAINAGE AREA, 29.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL 15 400	
FEB	---	AUG 9 880	
MAR	---	SEP 1 710	
APR	---	OCT 276	
MAY 1 830		NOV ---	
JUN 4 380		DEC ---	

TOTAL DISCHARGE, 33 300 dam³

SWAN RIVER NEAR KINUSO - STATION NO. 07BJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4018	0.3208	0.2988	2.708	40.6	23.4	17.9	2.28	2.78	30.7	6.36 B	0.7618	1
2	0.4388	0.2888	0.3088	7.808	61.5	18.9	16.2	1.85	3.48	25.9	5.80 B	0.7128	2
3	0.4558	0.2688	0.3088	10.4 B	119	15.8	13.8	1.75	4.60	25.5	5.68 B	0.6788	3
4	0.4488	0.2488	0.3088	8.918	155	13.4	11.1	1.75	4.08	30.0	6.21 B	0.6728	4
5	0.4308	0.2388	0.3128	7.748	130	11.8	8.76	2.03	5.81	34.3	6.42 B	0.6528	5
6	0.4258	0.2208	0.3088	6.688	91.4	10.6	7.27	2.04	12.1	30.0	6.46 B	0.6428	6
7	0.4318	0.2208	0.3158	7.018	82.1	9.81	6.30	1.98	12.4	28.7	6.48 B	0.6288	7
8	0.4748	0.2218	0.3428	8.478	76.2	8.77	5.50	2.21	9.84	32.6	6.03 B	0.6258	8
9	0.4768	0.2298	0.4078	17.0 B	74.6	8.62	4.84	3.07	8.88	19.0	6.15 B	0.6708	9
10	0.3578	0.2288	0.4838	30.6 B	68.8	9.44	4.33	3.75	7.88	18.3	3.70 B	0.6308	10
11	0.3448	0.2388	0.6128	38.6 B	83.1	7.90	3.88	3.87	6.88	17.9	3.90 B	0.6278	11
12	0.3328	0.2368	0.7878	35.2	87.7	7.28	3.62	3.70	8.22	16.8	3.46 B	0.6118	12
13	0.3488	0.2328	0.9308	38.0	83.2	8.76	3.89	3.41	10.7	19.3	3.40 B	0.6158	13
14	0.3248	0.2318	1.08 B	81.8	89.8	8.42	3.59	3.47	85.2	22.4	3.35 B	0.6108	14
15	0.3208	0.2318	1.20 B	80.8	88.1	8.37	3.85	4.82	38.7	25.3	3.42 B	0.6348	15
16	0.3328	0.2218	1.26 B	45.7	82.8	8.10	3.26	18.1	26.6	26.6	3.86 B	0.6838	16
17	0.3288	0.2308	1.26 B	43.4	82.6	24.6	2.97	12.0	29.7	27.2	3.48 B	0.6778	17
18	0.4088	0.2288	1.26 B	48.8	83.6	18.3	2.75	6.17	33.8	25.6	2.96 B	0.6388	18
19	0.3858	0.2348	1.26 B	44.8	87.7	13.6	2.59	5.82	24.6	22.6	2.41 B	0.6838	19
20	0.3848	0.2388	1.71 B	43.8	81.4	11.2	2.61	4.89	30.2	20.4	1.89 B	0.7258	20
21	0.3848	0.2538	3.66 B	35.6	38.8	11.4	2.31	3.87	22.6	18.6	1.73 B	0.8858	21
22	0.3768	0.2488	5.61 B	17.6	31.6	12.8	1.89	3.41	60.7	16.2	1.44 B	0.9078	22
23	0.4218	0.2568	4.58 B	23.1	27.3	12.3	1.82	3.06	48.7	17.7	1.20 B	1.03 B	23
24	0.4338	0.2448	3.92 B	27.0	24.0	28.8 A	1.81	2.72	47.0	15.4	1.07 B	1.33 B	24
25	0.4138	0.2488	3.18 B	30.0	23.9	188 A	2.39	2.78	85.8	14.4	0.9878	1.43 B	25
26	0.3868	0.2648	2.73 B	60.7	22.8	188 A	4.04	2.31	88.0	12.8	0.9338	1.28 B	26
27	0.3818	0.2648	2.63 B	43.4	19.9	83.9 A	4.82	2.19	88.2	10.7	0.8408	1.24 B	27
28	0.3768	0.2788	2.30 B	43.8	18.4	38.4 A	4.68	2.07	81.6	12.0	0.8448	1.20 B	28
29	0.3818		2.17 B	36.2	27.5	28.9	3.88	1.98	45.8	8.66	0.8418	1.08 B	29
30	0.3888		1.89 B	37.8	28.4	23.6	3.18	1.88	38.7	7.838	0.8168	0.8748	30
31	0.3388		1.88 B		24.2		2.88	2.18		7.448		0.8988	31
TOTAL	13.031	6.808	48.481	861.88	1 738.7	725.45	180.88	119.31	884.18	863.33	87.375	24.847	TOTAL
MEAN	0.388	0.243	1.58	28.7	56.0	24.2	5.19	3.85	29.5	20.8	3.28	0.782	MEAN
MAX	0.476	0.330	5.61	81.8	155	188	17.9	18.1	88.2	38.0	6.85	1.43	MAX
MIN	0.328	0.228	0.288	3.78	18.4	8.37	1.82	1.75	3.78	7.44	0.818	0.818	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.8
MAXIMUM DAILY, 188A ON JUN 25
MINIMUM DAILY, 0.2208 ON FEB 6
MAXIMUM INSTANTANEOUS,
192 AT 05:00 MST ON JUN 25

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 10 00 N
LONG 115 24 30 W
DRAINAGE AREA, 1 990 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARK

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 040	JUL 13 900	
FEB	536	AUG 10 300	
MAR	4 270	SEP 76 400	
APR	76 500	OCT 86 800	
MAY 150 000		NOV 6 410	
JUN 83 700		DEC 3 130	

TOTAL DISCHARGE, 488 000 dam³

SWAN RIVER NEAR SWAN HILLS - STATION NO. 07BJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2308	0.3908	5.208	2.85	1.53	0.356	0.886	3.57	0.9358	---	1
2	---	---	0.2208	0.4208	7.56	2.43	1.34	0.367	0.893	3.24	0.9308	---	2
3	---	---	0.2188	0.4338	11.7	1.98	1.10	0.353	0.916	4.08	0.9208	---	3
4	---	---	0.2138	0.4158	11.8	1.76	0.916	0.347	1.05	4.35	0.9158	---	4
5	---	---	0.2068	0.3808	10.3	1.60	0.804	0.330	1.90	3.98	0.9118	---	5
6	---	---	0.2008	0.3358	8.54	1.41	0.698	0.304	1.84	3.62	0.9078	---	6
7	---	---	0.1958	0.2958	6.76	1.27	0.635	0.285	1.65	3.13	---	---	7
8	---	---	0.1978	0.2858	5.25	1.20	0.590	0.277	1.46	3.63	---	---	8
9	---	---	0.2008	0.2908	5.45	1.21	0.529	0.636	1.27	3.43	---	---	9
10	---	---	0.2108	0.3158	6.67	1.17	0.471	0.655	1.12	3.35	---	---	10
11	---	---	0.2308	0.4008	7.42	1.05	0.456	0.597	1.05 A	2.32	---	---	11
12	---	---	0.2458	0.4908	6.28	0.953	0.468	0.583	1.00 E	2.53	---	---	12
13	---	---	0.2708	0.6408	5.35	0.922	0.556	0.568	3.00 E	2.60	---	---	13
14	---	---	0.2908	0.8008	7.31	0.880	0.577	0.640	8.00 E	2.70	---	---	14
15	---	---	0.3058	1.00 B	8.86	0.816	0.506	2.41	15.0 E	2.58	---	---	15
16	---	---	0.3158	2.50 B	7.28	1.83	0.442	1.84	11.0 E	2.50	---	---	16
17	---	---	0.3308	3.24 B	6.38	1.95	0.436	1.26	8.00 E	2.32	---	---	17
18	---	---	0.3288	3.38 B	5.31	1.46	0.447	0.947	5.65	2.21	---	---	18
19	---	---	0.3258	3.40 B	7.84	1.13	0.373	0.778	4.84	2.08	---	---	19
20	---	---	0.3208	3.25 B	6.73	0.852	0.314	0.675	4.14	2.12	---	---	20
21	---	---	0.3188	2.80 B	6.08	1.04	0.303	0.635	5.37	2.01	---	---	21
22	---	---	0.3108	2.60 B	5.43	1.17	0.306	0.571	5.11	1.96	---	---	22
23	---	---	0.3008	2.00 B	4.84	1.58	0.321	0.506	4.78	1.97	---	---	23
24	---	---	0.2958	1.61 B	4.15	18.9	0.578	0.469	11.3	1.62 B	---	---	24
25	---	---	0.2908	1.30 B	3.92	15.3	0.630	0.488	11.7	1.55 B	---	---	25
26	---	---	0.2858	1.30 B	3.22	6.06	0.786	0.465	11.7	1.54 B	---	---	26
27	---	---	0.2785	1.45 B	3.05	3.95	0.697	0.467	9.84	1.55 B	---	---	27
28	---	---	0.2608	2.00 B	4.16	3.01	0.721	0.437	6.04	1.16 B	---	---	28
29	---		0.2858	3.50 B	5.85	2.29	0.602	0.438	4.70	1.00 B	---	---	29
30	---		0.3258	4.80 B	4.16	1.83	0.511	0.547	3.89	0.9708	---	---	30
31	---		0.3608		3.71		0.430	0.707		0.9458		---	31
TOTAL	---	---	8.374	45.918	214.30	85.023	19.451	20.310	149.385	74.085	---	---	TOTAL
MEAN	---	---	0.270	1.53	6.91	2.83	0.627	0.655	4.98	2.39	---	---	MEAN
MAX	---	---	0.360	4.80	11.8	18.9	1.53	2.41	15.0	4.35	---	---	MAX
MIN	---	---	0.195	0.285	3.05	0.816	0.303	0.304	0.886	0.945	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.52
MAXIMUM DAILY, 18.9 ON JUN 24
MINIMUM DAILY, 0.1958 ON MAR 7
MAXIMUM INSTANTANEOUS
35.3 AT 19:30 MST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 48 05 N
LONG 115 28 13 W
DRAINAGE AREA, 156 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 880
FEB	---	AUG	1 750
MAR	724	SEP	12 900
APR	3 970	OCT	6 400
MAY	18 500	NOV	---
JUN	7 350	DEC	---

TOTAL DISCHARGE, 53 200 dam³

SWIFTCURRENT CREEK AT SHERBURNE - STATION NO. 05AE033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.028E	9.91A	15.5	0.040	10.4	18.7	14.8	0.004	---	---	1
2	---	---	0.028E	13.8	15.4	0.034	9.87	19.1	10.4	0.003	---	---	2
3	---	---	0.028E	14.0	16.1	0.026	9.87	18.9	6.87	0.004	---	---	3
4	---	---	0.028E	15.0	15.9	0.025	9.84	18.7	7.76	0.003	---	---	4
5	---	---	0.028E	15.7	11.0	0.022	9.32	18.0	7.48	0.003	---	---	5
6	---	---	0.028E	15.5	8.17	0.021	8.33	16.4	6.81	0.005	---	---	6
7	---	---	0.028E	15.3	4.30	0.027	8.20	15.8	7.25	0.006	---	---	7
8	---	---	0.028E	15.1	6.26	1.67	2.04	15.7	7.05	0.005	---	---	8
9	---	---	0.028E	15.0	10.2	2.68	0.007	15.5	18.1	0.032	---	---	9
10	---	---	0.028E	14.8	13.7	2.69	0.007	15.3	22.4	0.057	---	---	10
11	---	---	0.028E	15.2	14.8	2.69	0.007	15.8	18.8	0.058	---	---	11
12	---	---	0.028E	15.1	13.7	1.03	4.80	17.5	18.1	0.058	---	---	12
13	---	---	0.051E	15.3	11.4	0.018	15.2	18.2	14.8	0.058	---	---	13
14	---	---	1.19 E	23.8	11.3	0.015	24.1	18.0	13.5	0.051	---	---	14
15	---	---	1.19 E	26.1	13.0	0.013	25.2	17.8	14.4	0.058	---	---	15
16	---	---	1.73 E	23.8	13.0	0.012	18.6	17.9	12.2	0.040	---	---	16
17	---	---	2.36 E	22.2	13.3	0.010	12.8	17.3	13.5	0.028	---	---	17
18	---	---	2.36 E	21.2	14.5	0.010	11.6	17.1	14.4	0.026	---	---	18
19	---	---	1.64 E	20.2	16.2	0.009	13.6	18.2	12.7	0.023	---	---	19
20	---	---	1.19 E	17.8	16.3	0.013	16.4	21.7	10.1	0.021	---	---	20
21	---	---	1.19 A	16.6	13.0	0.012	16.7	20.6	7.48	0.021	---	---	21
22	---	0.028E	1.19 E	15.3	8.74	0.008	16.4	18.8	8.84	0.017	---	---	22
23	---	---	4.25 E	17.0	0.026	0.008	19.3	18.4	7.11	0.018	---	---	23
24	---	---	5.95 E	17.3	0.022	0.007	20.6	18.5	5.07	0.018	---	---	24
25	---	---	5.78 E	16.8	0.580	1.55	21.5	18.5	2.83	0.026	---	---	25
26	---	---	5.78 A	16.3	0.021	6.11	19.5	18.0	1.32	0.021	---	---	26
27	---	---	5.78 E	15.7	0.018	8.80	16.4	16.8	0.007	0.017	---	---	27
28	---	---	5.78 E	12.6	0.018	9.85	16.3	16.1	0.005	0.017	---	---	28
29	---		5.50 E	16.5	0.015	12.2	17.3	17.8	0.005	0.015A	---	---	29
30	---		5.50 E	15.8	0.084	11.6	16.8	16.9	0.004	0.014E	---	---	30
31	---		5.50 E		0.040		17.5	16.2		0.014E		---	31
TOTAL	---	---	85.887	507.71	271.884	97.011	417.081	557.4	278.181	1.670	---	---	TOTAL
MEAN	---	---	2.77	16.9	8.78	1.80	13.5	18.0	9.27	0.054	---	---	MEAN
MAX	---	---	5.78	26.1	16.3	12.2	25.2	21.7	22.4	0.058	---	---	MAX
MIN	---	---	0.028	9.91	0.015	0.007	0.007	15.3	0.004	0.003	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.68
MAXIMUM DAILY, 25.2 ON JUL 15
MINIMUM DAILY, 0.003 ON OCT 2
MAXIMUM INSTANTANEOUS,
30.6 AT 05:00 MST ON OCT 8

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 49 N
LONG 113 30 59 W
DRAINAGE AREA, 186 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	35 600
FEB	---	AUG	48 200
MAR	7 430	SEP	34 000
APR	43 000	OCT	144
MAY	23 800	NOV	---
JUN	4 930	DEC	---

TOTAL DISCHARGE, 166 000 dam³

SYLVAN LAKE AT SYLVAN LAKE - STATION NO. 05CC003

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	936.518	936.450	936.460	---	---	---	1
2	---	---	---	---	936.612	---	---	936.449	---	936.424	---	---	2
3	---	---	---	---	936.596	936.590	936.533	---	936.464	936.414	---	---	3
4	---	---	---	---	936.597	---	936.527	---	936.437	936.429	---	---	4
5	---	---	---	936.535	936.607	936.577	936.517	---	936.461	936.434	---	---	5
6	---	---	---	---	---	936.561	---	936.461	---	936.434	---	---	6
7	---	---	---	---	936.608	936.578	936.518	936.464	---	936.436	936.384	---	7
8	---	---	---	936.595	936.600	---	936.514	---	---	---	---	---	8
9	---	---	---	---	936.605	---	936.512	---	936.415	936.432	---	---	9
10	---	---	---	---	936.606	936.583	936.510	936.473	936.415	936.423	---	---	10
11	---	---	---	936.571	936.607	936.578	---	---	936.415	---	---	---	11
12	---	---	---	---	936.602	936.579	---	936.471	936.454	---	---	---	12
13	---	---	---	---	936.594	---	936.494	936.473	---	936.429	---	---	13
14	---	---	936.501	---	936.597	936.584	936.496	936.468	936.479	936.426	---	---	14
15	---	---	---	---	---	936.578	---	---	---	---	---	---	15
16	---	---	---	---	936.588	---	---	936.484	936.484	936.422	---	---	16
17	---	---	---	---	---	---	936.495	---	936.489	936.425	---	---	17
18	---	---	---	---	936.581	936.568	936.488	936.458	---	---	---	---	18
19	---	---	---	---	---	---	936.497	936.463	936.472	---	---	---	19
20	---	---	---	---	---	936.552	---	---	936.489	936.424	---	---	20
21	---	---	---	---	936.578	936.557	---	936.477	---	---	---	---	21
22	---	---	---	---	936.589	936.561	936.496	---	936.484	936.428	---	---	22
23	---	---	---	---	936.583	---	936.491	936.474	936.450	936.422	---	---	23
24	---	---	---	---	---	936.545	936.486	---	---	---	---	---	24
25	---	---	936.497	936.582	936.596	---	---	936.468	---	936.413	---	---	25
26	---	---	---	---	---	936.536	936.478	936.485	936.488	---	---	---	26
27	---	---	---	---	936.594	936.540	936.469	936.461	936.489	---	---	---	27
28	---	---	---	---	936.595	936.539	936.464	936.457	936.466	---	---	---	28
29	---		---	---	936.593	---	---	---	---	---	---	---	29
30	---		---	---	936.597	---	936.458	---	936.462	936.414	---	---	30
31	---		---		---		936.452	936.486		936.409		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 18 44 N
LONG 114 06 08 W

DRAINAGE AREA, 151 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TREPPE CREEK NEAR LACRETE - STATION NO. 07JD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.7738	1.55	0.181	0.004	0.001	0	0.001	---	---	1
2	---	---	0 B	3.21 B	1.53	0.064	0.001	0.001	0	0	---	---	2
3	---	---	0 B	1.80 B	1.36	0.070	0.001	0.001	0	0	---	---	3
4	---	---	0 B	1.69 B	1.25	0.062	0	0.001	0	0.000	---	---	4
5	---	---	0 B	1.32 B	1.16	0.045	0.001	0.002	0	0.000	---	---	5
6	---	---	0 B	0.9758	1.09	0.035	0	0.001	0	0.000	---	---	6
7	---	---	0 B	0.9008	1.05	0.065	0.001	0.001	0	0.003	---	---	7
8	---	---	0 B	0.8588	1.24	0.078	0.001	0.002	0	0.001	---	---	8
9	---	---	0 B	0.8408	1.40	0.049	0.001	0.005	0	0.001	---	---	9
10	---	---	0 B	0.7508	1.31	0.040	0.001	0.002	0	0.004	---	---	10
11	---	---	0 B	0.7308	1.16	0.032	0	0.003	0	0.000	---	---	11
12	---	---	0 B	1.01 B	1.01	0.032	0	0.002	0	0.000	---	---	12
13	---	---	0 B	1.06 B	0.887	0.025	0	0.001	0	0.000	---	---	13
14	---	---	0 B	1.01 B	0.818	0.024	0	0.002	0	0.000	---	---	14
15	---	---	0 B	1.10 B	0.753	0.019	0	0.001	0	0.010	---	---	15
16	---	---	0 B	1.16 B	0.692	0.019	0	0	0	0.000	---	---	16
17	---	---	0 B	1.26 B	0.645	0.011	0	0	0	0.010	---	---	17
18	---	---	0 B	1.32 B	0.580	0.003	0	0	0	0.000	---	---	18
19	---	---	0 B	1.12 B	0.524	0.003	0	0.001	0.003	0.000	---	---	19
20	---	---	0 B	1.13	0.458	0.004	0	0	0.007	0.004	---	---	20
21	---	---	0 B	0.898	0.387	0.005	0	0	0.003	0.001	---	---	21
22	---	---	0.0108	0.719	0.334	0.001	0.001	0	0.001	0.001	---	---	22
23	---	---	0.0258	0.647	0.292	0	0	0	0.001	0	---	---	23
24	---	---	0.0608	0.656	0.234	0.188	0.001	0.022	0.001	0	---	---	24
25	---	0B	0.0858	0.582	0.178	0.042	0.001	0.032	0.001	0	---	---	25
26	---	0B	0.1258	0.631	0.141	0.007	0.001	0.033	0.001	0	---	---	26
27	---	0B	0.1408	0.823	0.120	0.002	0.001	0.029	0.001	0	---	---	27
28	---	0B	0.1458	0.940	0.102	0.004	0.001	0.026	0.001	0	---	---	28
29	---		0.1558	0.880	0.108	0.002	0.001	0.004	0.001	0	---	---	29
30	---		0.1758	1.01	0.092	0.002	0.001	0	0	0	---	---	30
31	---		0.2048		0.157		0.001	0		0.001A		---	31
TOTAL	---	---	1.138	30.813	33.940	1.086	0.030	0.170	0.031	0.139	---	---	TOTAL
MEAN	---	---	0.038	1.03	0.730	0.035	0.001	0.005	0.001	0.004	---	---	MEAN
MAX	---	---	0.208	3.21	1.55	0.188	0.004	0.033	0.007	0.015	---	---	MAX
MIN	---	---	0	0.582	0.092	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.238
MAXIMUM DAILY, 3.210 ON APR 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.040 AT 18:30 MST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 10 N
LONG 118 14 55 W
DRAINAGE AREA, 135 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.73
FEB	---	AUG	14.7
MAR	87.5	SEP	1.81
APR 2 080		OCT	10.4
MAY 1 080		NOV	---
JUN	92.3	DEC	---

TOTAL DISCHARGE, 4 640 dam³

THREEHILLS CREEK BELOW RAY CREEK - STATION NO. 05CE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	3.30	0.037E	0.050E	0	0	0	0	0.005E	---	1
2	---	---	0	5.20	0.030	0.035E	0	0	0	0	0.007E	---	2
3	---	---	0	3.90 E	0.025E	0.020E	0	0	0	0	0.005E	---	3
4	---	---	0	2.70 E	0.022E	0.008E	0	0	0	0	0.005	---	4
5	---	---	0	1.40	0.020	0.002E	0	0	0	0	---	---	5
6	---	---	0	0.900	0.012E	0.001E	0	0	0	0	---	---	6
7	---	---	0	0.800	0.005E	0.001E	0	0	0	0	---	---	7
8	---	---	0	0.720	0.001	0	0	0	0	0	---	---	8
9	---	---	0	0.610E	0.001E	0	0	0	0	0	---	---	9
10	---	---	0	0.500	0.001E	0	0	0	0	0	---	---	10
11	---	---	0	0.475E	0.005E	0	0	0	0	0	---	---	11
12	---	---	0	0.450	0.020E	0	0	0	0	0	---	---	12
13	---	---	0	0.400E	0.030E	0	0	0	0	0	---	---	13
14	---	---	0	0.340	0.050E	0	0	0	0	0	---	---	14
15	---	---	0	0.280E	0.070	0	0	0	0	0.001E	---	---	15
16	---	---	0	0.210E	0.035	0	0	0	0	0.001E	---	---	16
17	---	---	0	0.180E	0.025E	0	0	0	0	0.002E	---	---	17
18	---	---	0	0.140E	0.018E	0	0	0	0	0.003	---	---	18
19	---	---	0.030	0.100E	0.014E	0	0	0	0	0.005E	---	---	19
20	---	---	0.500	0.070	0.012E	0	0	0	0	0.006E	---	---	20
21	---	---	2.65	0.100E	0.010	0	0	0	0	0.008	---	---	21
22	---	---	1.95	0.120	0.007E	0	0	0	0	0.007E	---	---	22
23	---	---	1.15	0.250E	0.006E	0	0	0	0	0.006E	---	---	23
24	---	---	0.800	0.090E	0.004	0	0	0	0	0.004E	---	---	24
25	---	---	1.40	0.120E	0.003E	0	0	0	0	0.002	---	---	25
26	---	---	0.650	0.150E	0.001	0	0	0	0	0.003E	---	---	26
27	---	---	0.500	0.125E	0.004E	0	0	0	0	0.005E	---	---	27
28	---	---	0.300	0.102E	0.007	0	0	0	0	0.004	---	---	28
29	---		0.100	0.078E	0.110	0	0	0	0	0.003E	---	---	29
30	---		0.200	0.054E	0.100E	0	0	0	0	0.003E	---	---	30
31	---		1.10		0.070E		0	0		0.003		---	31
TOTAL	---	---	11.430	33.885	0.756	0.115	0	0	0	0.086	---	---	TOTAL
MEAN	---	---	0.369	0.796	0.024	0.004	0	0	0	0.003	---	---	MEAN
MAX	---	---	2.65	5.20	0.110	0.050	0	0	0	0.008	---	---	MAX
MIN	---	---	0	0.054	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.148
MAXIMUM DAILY, 5.20 ON APR 2
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 59 10 N
LONG 113 34 04 W
DRAINAGE AREA, 197 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	988	SEP	0
APR	2 880	OCT	7.60
MAY	65.5	NOV	---
JUN	9.94	DEC	---

TOTAL DISCHARGE, 3 130 dam³

THREEHILLS CREEK NEAR CARBON - STATION NO. 05CE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.44 B	0.531	0.023	0	0.117	0.006	0.023	0.032	---	1
2	---	---	0 B	1.44	0.551	0.019	0	0.102	0.005	0.021	0.026	---	2
3	---	---	0 B	1.27	0.533	0.015	0	0.083	0.004	0.020	0.028	---	3
4	---	---	0 B	1.44	0.481	0.014	0	0.085	0.003	0.019	0.026	---	4
5	---	---	0 B	2.56	0.418	0.014	0	0.060	0.002	0.030	0.0358	---	5
6	---	---	0 B	4.79	0.368	0.015	0	0.026	0.001	0.026	---	---	6
7	---	---	0 B	4.84	0.359	0.011	0	0.023	0.001	0.213	---	---	7
8	---	---	0 B	3.51	0.332	0.011	0	0.037	0.001	0.298	---	---	8
9	---	---	0.0809	2.70	0.343	0.007	0	0.034	0.001	0.224	---	---	9
10	---	---	0.3009	2.13	0.302	0.007	0	0.029	0.001	0.106	---	---	10
11	---	---	0.4089	1.87	0.255	0.005	0	0.018	0.001	0.067	---	---	11
12	---	---	0.5009	1.40	0.222	0.003	0	0.013	0.041	0.046	---	---	12
13	---	---	0.5509	1.18	0.174	0.003	0	0.009	0.058	0.036	---	---	13
14	---	---	4.03 B	1.00	0.138	0.002	0	0.006	0.055	0.028	---	---	14
15	---	---	4.01 B	0.842	0.110	0	0	0.009	0.038	0.028	---	---	15
16	---	---	5.73 B	0.781	0.087	0	0	0.008	0.038	0.028	---	---	16
17	---	---	5.81 B	0.713	0.068	0	0	0.007	0.054	0.024	---	---	17
18	---	---	4.51 B	0.652	0.068	0	0	0.005	0.031	0.022	---	---	18
19	---	---	4.61 B	0.727	0.052	0	0	0.003	0.024	0.519	---	---	19
20	---	---	5.07 B	1.06	0.070	0	0	0.001	0.023	0.016	---	---	20
21	---	---	4.53 B	0.887	0.083	0	0	0.016	0.021	0.014	---	---	21
22	---	---	3.24 B	0.816	0.059	0	0	0.022	0.018	0.017	---	---	22
23	---	---	1.86 B	0.836	0.054	0	0	0.024	0.082	0.017	---	---	23
24	---	---	1.09 B	0.765	0.042	0	0	0.020	0.054	0.017	---	---	24
25	---	---	0.8339	0.725	0.057	0	0	0.015	0.043	0.021	---	---	25
26	---	0B	0.7929	0.597	0.053	0	0	0.011	0.040	0.025	---	---	26
27	---	0B	0.5389	0.488	0.045	0	0	0.006	0.036	0.033	---	---	27
28	---	0B	0.4859	0.512	0.042	0	0.026	0.004	0.031	0.038	---	---	28
29	---		0.7379	0.883	0.041	0	0.055	0.003	0.027	0.039	---	---	29
30	---		1.22 B	0.847	0.033	0	0.071	0.007	0.026	0.035	---	---	30
31	---		1.39 B		0.028		0.132	0.008		0.032		---	31
TOTAL	---	---	61.820	42.917	5.048	0.150	0.384	0.792	0.864	1.575	---	---	TOTAL
MEAN	---	---	1.67	1.43	0.135	0.005	0.009	0.026	0.029	0.051	---	---	MEAN
MAX	---	---	5.73	4.79	0.551	0.023	0.132	0.117	0.058	0.298	---	---	MAX
MIN	---	---	0	0.488	0.028	0	0	0.001	0.001	0.016	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.426
MAXIMUM DAILY, 5.730 ON MAR 15
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 53 N
LONG 113 04 15 W
DRAINAGE AREA, 1 070 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	24.5
FEB	---	AUG	68.4
MAR	4 480	SEP	74.6
APR	3 710	OCT	138
MAY	533	NOV	---
JUN	13.0	DEC	---

TOTAL DISCHARGE, 9 030 dam³

THREEPOINT CREEK NEAR MILLARVILLE - STATION NO. 05BL013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0218	2.578	3.23	2.93	0.249	0.053	0.707	1.83	---	---	1
2	---	---	0.0228	8.748	3.87	2.64	0.215	0.051	0.658	1.77	---	---	2
3	---	---	0.0218	3.758	5.06	2.58	0.191	0.052	0.658	1.66	---	---	3
4	---	---	0.0218	2.528	5.05	2.54	0.184	0.049	0.720	1.56	---	---	4
5	---	---	0.0208	1.428	4.04	2.44	0.140	0.048	0.758	1.47	---	---	5
6	---	---	0.0208	1.518	3.43	2.22	0.121	0.055	1.42	1.50	---	---	6
7	---	---	0.0198	1.738	3.17	1.95	0.115	0.048	1.45	1.45	---	---	7
8	---	---	0.0208	2.12	3.07	1.88	0.106	0.044	1.28	1.33	---	---	8
9	---	---	0.0198	3.46	2.87	1.84	0.093	0.058	1.24	1.11	---	---	9
10	---	---	0.0188	4.07	2.84	1.68	0.080	0.059	1.38	1.41	---	---	10
11	---	---	0.0188	2.97	2.53	1.52	0.074	0.053	1.93	1.40	---	---	11
12	---	---	0.0188	2.46	2.37	1.35	0.078	0.054	10.1	1.48	---	---	12
13	---	---	0.0188	2.83	2.32	1.24	0.079	0.052	33.7	1.41	---	---	13
14	---	---	0.0178	3.48	2.20	1.11	0.071	0.049	18.7	1.39	---	---	14
15	---	---	0.0188	2.59	2.08	1.01	0.086	0.147	11.4	1.38	---	---	15
16	---	---	0.0188	2.03	1.95	0.900	0.068	2.43	7.81	1.40	---	---	16
17	---	---	0.0188	1.82	1.85	0.800	0.072	1.88	5.06	1.48	---	---	17
18	---	---	0.0188	1.83	2.01	0.761	0.078	1.48	5.02	1.42	---	---	18
19	---	---	0.0508	1.87	2.11	0.832	0.089	1.24	4.33	1.38	---	---	19
20	---	---	1.88 E	1.59	2.16	0.847	0.070	1.02	3.78	1.38	---	---	20
21	---	0.0218	2.34 E	1.38	2.02	0.743	0.070	1.08	3.41	1.38	---	---	21
22	---	0.0218	0.7848	1.26	1.87	0.677	0.067	1.80	3.08	1.35	---	---	22
23	---	0.0218	0.4258	1.34	1.76	0.597	0.069	1.88	2.88	1.29	---	---	23
24	---	0.0218	0.4258	1.33	1.74	0.534	0.086	1.48	2.77	1.12	---	---	24
25	---	0.0218	0.2828	1.37	2.37	0.487	0.065	1.33	2.63	1.22	---	---	25
26	---	0.0218	0.2218	1.28	3.41	0.418	0.063	1.18	2.40	1.08	---	---	26
27	---	0.0218	0.1808	1.27	3.27	0.371	0.061	1.04	2.30	1.14	---	---	27
28	---	0.0218	0.1258	1.83	3.03	0.332	0.061	0.940	2.05	1.32	---	---	28
29	---		0.0938	3.06	3.03	0.310	0.060	1.06	1.99	1.07	---	---	29
30	---		0.0748	3.03	2.88	0.302	0.058	0.934	1.95	0.913	---	---	30
31	---		0.0858		2.71		0.059	0.801		0.783A		---	31
TOTAL	---	---	6.999	72.62	86.23	37.751	3.896	22.075	138.731	41.726	---	---	TOTAL
MEAN	---	---	0.226	2.42	2.78	1.26	0.093	0.712	4.62	1.35	---	---	MEAN
MAX	---	---	2.34	8.74	5.06	2.93	0.249	2.43	33.7	1.83	---	---	MAX
MIN	---	---	0.017	1.26	1.74	0.302	0.058	0.044	0.658	0.783	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.67
MAXIMUM DAILY, 33.7 ON SEP 13
MINIMUM DAILY, 0.0178 ON MAR 14
MAXIMUM INSTANTANEOUS,
40.1 AT 05.07 MST ON SEP 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 46 14 N
LONG 114 16 39 W
DRAINAGE AREA, 507 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	250
FEB	---	AUG	1 910
MAR	805	SEP	12 000
APR	6 270	OCT	3 610
MAY	7 450	NOV	---
JUN	3 260	DEC	---

TOTAL DISCHARGE, 35 400 dam³

TODD CREEK AT ELTON'S RANCH - STATION NO. 05AA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.280	0.187	0.232	0.077	0	0.045	0.075	---	---	1
2	---	---	---	0.262	0.174	0.225	0.074	0	0.055	0.079	---	---	2
3	---	---	---	0.378	0.140	0.187	0.069	0	0.057	0.075	---	---	3
4	---	---	---	0.108	0.148	0.147	0.085	0	0.061	0.075	---	---	4
5	---	---	---	0.287	0.141	0.096	0.048	0	0.066	0.075	---	---	5
6	---	---	---	0.270	0.113	0.127	0.040	0	0.070	0.078	---	---	6
7	---	---	---	0.173	0.110	0.149	0.026	0	0.030	0.087	---	---	7
8	---	---	---	0.170	0.123	0.182	0.017	0	0.045	0.092	---	---	8
9	---	---	---	0.171	0.108	0.150	0.015E	0	0.099	0.117	---	---	9
10	---	---	---	0.184	0.116	0.144	0.010E	0	0.099	0.105	---	---	10
11	---	---	---	0.240	0.116	0.135	0.005E	0	0.102	0.121	---	---	11
12	---	---	---	0.238	0.115	0.145	0 E	0	0.120	0.128	---	---	12
13	---	---	---	0.240	0.107	0.144E	0	0	0.092	0.131	---	---	13
14	---	---	---	0.168	0.098	0.144E	0	0	0.088	0.131	---	---	14
15	---	---	---	0.183	0.101	0.144E	0	0	0.078	0.129	---	---	15
16	---	---	---	0.147	0.095	0.143	0	0.015	0.081	0.151	---	---	16
17	---	---	---	0.145	0.101	0.133	0	0.030	0.082	0.327	---	---	17
18	---	---	---	0.154	0.097	0.116	0	0.075	0.070E	0.179	---	---	18
19	---	---	---	0.137	0.084	0.120	0	0.082	0.057E	0.178	---	---	19
20	---	---	---	0.108	0.101	0.123	0	0.080	0.049	0.178	---	---	20
21	---	---	---	0.137	0.092	0.108	0	0.070	0.071	0.186	---	---	21
22	---	---	---	0.136	0.093	0.110	0	0.087	0.071	0.189	---	---	22
23	---	---	---	0.143	0.092	0.104	0	0.086	0.083	0.172	---	---	23
24	---	---	---	0.091	0.137	0.087	0	0.084	0.089	0.178	---	---	24
25	---	---	---	0.092	0.132	0.085	0	0.058	0.104	0.184	---	---	25
26	---	---	---	0.153	0.148	0.072	0	0.055	0.113	0.173E	---	---	26
27	---	---	---	0.183	0.143	0.075	0	0.055	0.123	0.182E	---	---	27
28	---	---	---	0.203	0.193	0.077	0	0.069	0.124	0.151E	---	---	28
29	---		---	0.177	0.161	0.078	0	0.025	0.113	0.160	---	---	29
30	---		---	0.186	0.172E	0.076	0	0.041	0.113	0.183	---	---	30
31	---		---		0.202E		0	0.039		0.220E		---	31
TOTAL	---	---	---	5.947	3.934	3.859	0.448	0.873	2.447	4.450	---	---	TOTAL
MEAN	---	---	---	0.189	0.127	0.129	0.014	0.028	0.082	0.144	---	---	MEAN
MAX	---	---	---	0.378	0.202	0.232	0.077	0.082	0.124	0.327	---	---	MAX
MIN	---	---	---	0.091	0.092	0.072	0	0	0.030	0.075	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.101
MAXIMUM DAILY, 0.378 ON APR 3
MINIMUM DAILY, 0E ON JUL 12

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 39 27 N
LONG 114 07 37 W
DRAINAGE AREA, 144 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	38.5
FEB	---	AUG	75.4
MAR	---	SEP	211
APR	478	OCT	384
MAY	340	NOV	---
JUN	333	DEC	---

TOTAL DISCHARGE, 1 860 dam³

TODD CREEK NEAR HIGHWAY NO 22 - STATION NO. 05AA909

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.152	0.569	0.112	0.084	0.151	0.147	---	---	1
2	---	---	---	---	0.150	0.380	0.103	0.068	0.088	0.146	---	---	2
3	---	---	---	---	0.167	0.306	0.100	0.079	0.088	0.167	---	---	3
4	---	---	---	---	0.143	0.252	0.090	0.088	0.088	0.194	---	---	4
5	---	---	---	---	0.125	0.227	0.085	0.088	0.070	0.193	---	---	5
6	---	---	---	---	0.096	0.208	0.078	0.081	0.167	0.221	---	---	6
7	---	---	---	---	0.092	0.273	0.082	0.116	0.110	0.211	---	---	7
8	---	---	---	---	0.076	0.446	0.080	0.090	0.107	0.189	---	---	8
9	---	---	---	---	0.084	0.273	0.071	0.162	0.123	0.170	---	---	9
10	---	---	---	---	0.079	0.226	0.077	0.140	0.150	0.193	---	---	10
11	---	---	---	---	0.076	0.246	0.067	0.155	0.107	0.257	---	---	11
12	---	---	---	---	0.067	0.203	0.067	0.199	0.788	0.302	---	---	12
13	---	---	---	---	0.061	0.180	0.076	0.196	0.393	0.234	---	---	13
14	---	---	---	---	0.059	0.184	0.110	0.117	0.130	0.215	---	---	14
15	---	---	---	---	0.068	0.182	0.094	0.316	0.096	0.253	---	---	15
16	---	---	---	---	0.067	0.233	0.121	0.354	0.096	0.616	---	---	16
17	---	---	---	---	0.065	0.165	0.162	0.158	0.118	0.243	---	---	17
18	---	---	---	---	0.065	0.160	0.204	0.106	0.316	0.181	---	---	18
19	---	---	---	---	0.089	0.141	0.137	0.092	0.280	0.185	---	---	19
20	---	---	---	---	0.086	0.165	0.125	0.090	0.241	0.190	---	---	20
21	---	---	---	---	0.072	0.210	0.105	0.118	0.229	0.180	---	---	21
22	---	---	---	---	0.073	0.182	0.085	0.138	0.272	0.162	---	---	22
23	---	---	---	---	0.196	0.145	0.104	0.093	0.222	0.165	---	---	23
24	---	---	---	---	0.126	0.130	0.125	0.058	0.200	0.166	---	---	24
25	---	---	---	---	0.176	0.141	0.128	0.068	0.185	0.361	---	---	25
26	---	---	---	---	0.258	0.155	0.077	0.021	0.156	0.383	---	---	26
27	---	---	---	---	0.216	0.126	0.069	0.038	0.181	0.326	---	---	27
28	---	---	---	---	0.206	0.126	0.095	0.032	0.156	0.267	---	---	28
29	---		---	0.259A	0.363	0.133	0.084	0.036	0.171	0.245	---	---	29
30	---		---	0.196	0.306	0.120	0.091	0.037	0.159	0.237A	---	---	30
31	---		---		0.302		0.084	0.023		0.230E		---	31
TOTAL	---	---	---	---	4.131	6.447	3.087	3.199	5.572	7.327	---	---	TOTAL
MEAN	---	---	---	---	0.133	0.215	0.100	0.110	0.186	0.236	---	---	MEAN
MAX	---	---	---	---	0.363	0.569	0.204	0.354	0.788	0.616	---	---	MAX
MIN	---	---	---	---	0.059	0.126	0.067	0.021	0.066	0.146	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.183
MAXIMUM DAILY, 0.788 ON SEP 12
MINIMUM DAILY, 0.021 ON AUG 26
MAXIMUM INSTANTANEOUS,
0.81 AT 14:10 MST ON OCT 16

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 40 N
LONG 114 14 00 W
DRAINAGE AREA, 73.8 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	387
FEB	---	AUG	284
MAR	---	SEP	481
APR	---	OCT	633
MAY	397	NOV	---
JUN	557	DEC	---

TOTAL DISCHARGE, 2 900 dam³

TOMAHAWK CREEK NEAR TOMAHAWK - STATION NO. 05BE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0200	3.60 B	0.885	0.091	0.113	0.003E	0.030	0.106	0.0510	---	1
2	---	---	0.0230	5.00 B	0.760	0.063	0.121	0.003E	0.030	0.117	0.0410	---	2
3	---	---	0.0200	3.00 B	0.708	0.051	0.108	0.003E	0.011	0.137	0.0340	---	3
4	---	---	0.0240	1.84 B	0.520	0.040	0.101	0.003E	0.022	0.132	0.0240	---	4
5	---	---	0.0270	2.10 B	0.486	0.044	0.080	0.003E	0.034	0.127	0.0180	---	5
6	---	---	0.0350	2.70 B	0.407	0.054	0.068	0.003E	0.018	0.129	---	---	6
7	---	---	0.0300	3.40 B	0.390	0.054	0.054	0.003E	0.077	0.129	---	---	7
8	---	---	0.0258	5.10 B	0.243	0.031	0.030	0.015	0.070	0.123	---	---	8
9	---	---	0.0200	5.00 B	0.302	0.022	0.017	0.062	0.086	0.147	---	---	9
10	---	---	0.0200	4.85	0.276	0.034	0.006	0.042	0.040	0.124	---	---	10
11	---	---	0.0270	4.45	0.250	0.034	0.006	0.026	0.060	0.126	---	---	11
12	---	---	0.0300	3.80	0.233	0.043	0.005	0.024	0.063	0.130	---	---	12
13	---	---	0.0300	3.49	0.197	0.054	0.006	0.035	0.412	0.103	---	---	13
14	---	---	0.0369	3.14	0.163	0.106	0.011	0.039	0.268	0.114	---	---	14
15	---	---	0.0400	2.48	0.162	0.115	0.007	0.053	0.137	0.184	---	---	15
16	---	---	0.0500	2.08	0.131	0.189	0.005	0.071	0.068	0.186	---	---	16
17	---	---	0.0700	1.89	0.114	0.126	0.018	0.065	0.067	0.167	---	---	17
18	---	---	0.1400	1.81	0.089	0.121	0.018	0.048	0.070	0.173	---	---	18
19	---	---	0.1800	1.62	0.067	0.136	0.023	0.030	0.072	0.176	---	---	19
20	---	---	0.1460	1.34	0.072	0.214	0.035	0.022	0.071	0.181	---	---	20
21	---	---	0.0800	0.883	0.083	0.253	0.012	0.073	0.092	0.148	---	---	21
22	---	---	0.0600	1.04	0.080	0.178	0.006	0.068	0.143	0.153	---	---	22
23	---	---	0.0458	1.55	0.086	0.207	0.007	0.046	0.144	0.1470	---	---	23
24	---	---	0.0400	2.18	0.081	0.446	0.010	0.047	0.128	0.1450	---	---	24
25	---	---	0.0360	2.33	0.068	0.480	0.012	0.026	0.100	0.1360	---	---	25
26	---	---	0.0300	2.35	0.131	0.356	0.0068	0.021	0.203	0.1170	---	---	26
27	---	0.0288	0.0300	1.95	0.108	0.277	0.0068	0.045	0.078	0.1020	---	---	27
28	---	0.0288	0.0258	1.81	0.082	0.257	0.0068	0.024	0.069	0.1008	---	---	28
29	---		0.0200	1.32	0.080	0.100	0.0048	0.003	0.085	0.0903	---	---	29
30	---		0.0288	1.16	0.088	0.183	0.0048	0.018	0.091	0.0778	---	---	30
31	---		0.1008		0.106		0.0038	0.013		0.0648		---	31
TOTAL	---	---	1.939	79.333	7.818	4.490	0.918	0.957	2.878	4.078	---	---	TOTAL
MEAN	---	---	0.049	2.64	0.248	0.147	0.030	0.031	0.096	0.132	---	---	MEAN
MAX	---	---	0.180	5.00	0.885	0.480	0.121	0.073	0.412	0.186	---	---	MAX
MIN	---	---	0.020	0.883	0.068	0.022	0.003	0.003	0.011	0.064	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.419
MAXIMUM DAILY, 5.000 ON APR 2
MINIMUM DAILY, 0.0038 ON JUL 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 36 31 N
LONG 116 45 41 W
DRAINAGE AREA, 198 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	78.1
FEB	---	AUG	62.7
MAR	133	SEP	248
APR	800	OCT	352
MAY	606	NOV	---
JUN	390	DEC	---

TOTAL DISCHARGE, 8 790 dam³

TOUGH CREEK NEAR BEAZER - STATION NO. 05AE039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.400E	0.494	0.612	0.070	0.013	E 0.025	0.272	---	---	1
2	---	---	---	0.400E	0.617	0.485	0.071	0.014	E 0.026	0.286	---	---	2
3	---	---	---	0.400E	0.711	0.387	0.064	0.014	E 0.028	0.304	---	---	3
4	---	---	---	0.400E	0.634	0.357	0.056	0.014	E 0.029	0.308	---	---	4
5	---	---	---	0.400E	0.427	0.334	0.051	0.014	E 0.030	0.346	---	---	5
6	---	---	---	0.400E	0.380	0.310	0.045	0.014	0.083	0.388	---	---	6
7	---	---	---	0.400E	0.377	0.303	0.037	0.014	0.084	0.338	---	---	7
8	---	---	---	0.400E	0.388	0.290	0.032	0.015	0.080	0.379	---	---	8
9	---	---	---	0.400E	0.370	0.296	0.027	0.018	0.088	0.357	---	---	9
10	---	---	---	0.400E	0.352	0.271	0.022	0.019	0.148	0.297	---	---	10
11	---	---	---	0.400E	0.337	0.285	0.022	0.038	0.152	0.440	---	---	11
12	---	---	---	0.561A	E 0.310	0.235	0.021	0.083	0.586	0.522	---	---	12
13	---	---	---	0.641	E 0.296	0.213	0.021	0.104	0.408	0.456	---	---	13
14	---	---	---	0.641	E 0.286	0.203	0.021	0.040	0.262	0.423	---	---	14
15	---	---	---	0.516	E 0.267	0.189	0.020	0.085	0.238	0.400	---	---	15
16	---	---	---	0.358	0.288	0.178	0.019	0.310	0.202	0.770	---	---	16
17	---	---	---	0.294	0.285	0.176	0.018	0.152	0.203	0.746	---	---	17
18	---	---	---	0.305	0.262	0.168	0.035	0.083	0.324	0.679	---	---	18
19	---	---	---	0.277	0.252	0.156	0.021	0.058	0.328	0.623	---	---	19
20	---	---	---	0.320	0.239	0.189	0.018	0.049	0.305	0.621	---	---	20
21	---	---	---	0.283	0.237	0.245	0.016	0.052	0.384	0.633	---	---	21
22	---	---	---	E 0.261	0.215	0.180	0.014	0.051	0.367	0.620	---	---	22
23	---	---	---	E 0.251	0.210	0.149	0.014	0.042	0.368	0.563	---	---	23
24	---	---	---	E 0.238	0.202	0.139	0.014	0.034	0.373	0.471	---	---	24
25	---	---	---	E 0.232	0.206	0.122	0.013	0.031	0.368	0.489	---	---	25
26	---	---	---	0.231	0.392	E 0.110	0.013	0.028	E 0.418	0.520	---	---	26
27	---	---	---	0.275	0.321	E 0.096	0.013	0.028	E 0.480	0.485	---	---	27
28	---	---	---	0.410	0.271	E 0.085	0.013	0.027	E 0.600	0.459A	---	---	28
29	---		---	0.485	0.259	E 0.082	0.013	0.027	E 0.386	0.450E	---	---	29
30	---		---	0.444	0.614	E 0.084	0.013	0.027	E 0.362	0.450E	---	---	30
31	---		---		0.665		0.013	0.025		0.450E		---	31
TOTAL	---	---	---	11.704	11.043	5.924	0.839	1.487	7.468	15.065	---	---	TOTAL
MEAN	---	---	---	0.390	0.356	0.231	0.027	0.048	0.249	0.486	---	---	MEAN
MAX	---	---	---	0.641	0.711	0.612	0.070	0.310	0.586	0.770	---	---	MAX
MIN	---	---	---	0.231	0.202	0.083	0.013	0.013	0.025	0.297	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.233
MAXIMUM DAILY, 0.770 ON OCT 16
MINIMUM DAILY, 0.013 ON JUL 25
MAXIMUM INSTANTANEOUS,
1.06 AT 14:00 MST ON SEP 12

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 00 N
LONG 113 32 00 W
DRAINAGE AREA, 38.0 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	72.5
FEB	---	AUG	128
MAR	---	SEP	946
APR	1 010	OCT	1 300
MAY	954	NOV	---
JUN	506	DEC	---

TOTAL DISCHARGE, 3 700 dam³

TRAP CREEK NEAR LONGVIEW - STATION NO. 05BL027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.580	2.74	0.600	0.484	0.770	1.76	1.16	---	1
2	---	---	---	---	0.685	2.60	0.771	0.472	0.789	1.71	1.12	---	2
3	---	---	---	---	0.824	2.57	0.748	0.472	0.763	1.62	1.10	---	3
4	---	---	---	---	1.01	2.35	0.736	0.483	0.737	1.52	1.09	---	4
5	---	---	---	---	0.937	2.20	0.715	0.484	0.644	1.46	0.985A	---	5
6	---	---	---	---	0.852	2.00	0.692	0.452	0.945	1.51	---	---	6
7	---	---	---	---	0.829	1.89	0.681	0.460	0.828	1.41	---	---	7
8	---	---	---	---	0.853	2.12	0.643	0.470	0.828	1.35	---	---	8
9	---	---	---	---	0.871	1.91	0.622	0.469	0.868	1.34	---	---	9
10	---	---	---	---	0.884	1.77	0.611	0.465	0.943	1.29	---	---	10
11	---	---	---	---	0.852	1.66	0.612	0.472	1.49	1.32	---	---	11
12	---	---	---	---	0.810	1.66	0.626	0.542	9.16	1.31	---	---	12
13	---	---	---	---	0.766	1.62	0.627	0.523	9.27	1.26	---	---	13
14	---	---	---	---	0.759	1.47	0.590	0.528	4.60	1.24	---	---	14
15	---	---	---	---	0.748	1.39	0.581	1.21	3.77	1.26	---	---	15
16	---	---	---	---	0.754	1.33	0.591	1.26	3.26	1.29	---	---	16
17	---	---	---	---	0.818	1.23	0.724	1.60	2.96	1.32	---	---	17
18	---	---	---	---	1.27	1.17	0.853	1.60	2.69	1.30	---	---	18
19	---	---	---	---	1.73	1.17	0.815	1.66	2.91	1.29	---	---	19
20	---	---	---	---	1.70	1.23	0.801	1.41	2.32	1.29	---	---	20
21	---	---	---	---	1.54	1.11	0.873	1.38	2.28	1.30	---	---	21
22	---	---	---	---	1.54	1.12	0.870	1.38	3.23	1.30	---	---	22
23	---	---	---	---	1.56	1.03	0.873	1.30	3.17	1.29	---	---	23
24	---	---	---	---	1.63	0.990	0.859	1.21	3.14	1.26	---	---	24
25	---	---	---	---	2.31	0.934	0.830	1.11	3.09	1.26	---	---	25
26	---	---	---	---	2.35	0.888	0.815	1.03	3.13	1.21	---	---	26
27	---	---	---	---	1.84	0.850	0.807	0.974	3.09	1.21	---	---	27
28	---	---	---	---	1.67	0.837	0.807	0.918	3.00	1.33	---	---	28
29	---		---	0.520A	2.14	0.808	0.813	0.874	1.93	1.20	---	---	29
30	---		---	0.520	2.17	0.832	0.806	0.831	1.84	1.18	---	---	30
31	---		---		2.77		0.693	0.789		1.17		---	31
TOTAL	---	---	---	---	41.072	40.827	19.089	27.909	71.912	41.47	---	---	TOTAL
MEAN	---	---	---	---	1.32	1.53	0.616	0.887	2.38	1.34	---	---	MEAN
MAX	---	---	---	---	2.77	2.74	0.900	1.60	9.27	1.78	---	---	MAX
MIN	---	---	---	---	0.580	0.832	0.693	0.450	0.737	1.17	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.34
MAXIMUM DAILY, 9.27 ON SEP 13
MINIMUM DAILY, 0.450 ON AUG 7
MAXIMUM INSTANTANEOUS,
11.4 AT 14:35 MST ON SEP 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 25 35 N
LONG 114 35 35 W
DRAINAGE AREA, 137 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 650
FEB	---	AUG	2 380
MAR	---	SEP	6 180
APR	---	OCT	2 550
MAY	3 550	NOV	---
JUN	3 940	DEC	---

TOTAL DISCHARGE, 21 300 dam³

TROUT CREEK NEAR GRANUM - STATION NO. 05AD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.096	0.020	0.070	0	0	0	0.039	0.188A	---	1
2	---	---	0	E.265	0.009	0.051	0	0	0	0.043	---	---	2
3	---	---	0	E.301	0.004	0.040	0	0	0	0.038	---	---	3
4	---	---	0	E.170	0.007	0.036	0	0	0	0.043	---	---	4
5	---	---	0	E.117	0.004	0.033	0	0	0	0.054	---	---	5
6	---	---	0	E.098	0	0.004	0	0	0	0.101	---	---	6
7	---	---	0	E.093	0	0	0	0	0	0.151	---	---	7
8	---	---	0	E.097	0	0	0	0	0	C.173	---	---	8
9	---	---	0	E.130	0	0	0	0	0	0.165	---	---	9
10	---	---	0	E.187	0	0	0	0	0	0.173	---	---	10
11	---	---	0	0.245	0	0	0	0	0	0.195	---	---	11
12	---	---	0	E.185	0	0	0	0	0	0.215	---	---	12
13	---	---	0	E.157	0	0	0	0	0.319	0.229	---	---	13
14	---	---	0	E.132	0	0	0	0	0.232	0.211	---	---	14
15	---	---	0	E.123	0	0	0	0	0.099	0.193	---	---	15
16	---	---	0.038	0.084	E	0	0	0	0.021	0.196	---	---	16
17	---	---	0.221	E.047	E	0	0	0	0.001	0.190	---	---	17
18	---	---	0.383	E.041	0	0	0	0	0	0.181	---	---	18
19	---	---	0.310	E.043	0	0	0	0	0	0.181	---	---	19
20	---	---	0.296	0.065	E	0	0	0	0.013	0.176	---	---	20
21	---	---	0.198	0.058	0	0	0	0	0.023	0.176	---	---	21
22	---	---	0.193	0.038	0	0	0	0	0.022	0.177	---	---	22
23	---	---	0.120	0.022	0	0	0	0	0.013	0.173	---	---	23
24	---	---	0.133	0.011	0	0	0	0	0.002	0.174	---	---	24
25	---	0A	0.085	0.026	0	0	0	0	0.014	0.176	---	---	25
26	---	0	0.072	0.044	0	0	0	0	0.071	0.184	---	---	26
27	---	0	0.063	0.039	0.041	0	0	0	0.035	0.182	---	---	27
28	---	0	0.048	0.040	0.055	0	0	0	0.032	0.194	---	---	28
29	---		0.028	0.031	0.045	0	0	0	0.039	0.185	---	---	29
30	---		0.025	0.033	0.093	0	0	0	0.026	0.195	---	---	30
31	---		0.035		E.097		0	0		0.190		---	31
TOTAL	---	---	2.245	3.038	0.375	0.234	0	0	0.972	4.972	---	---	TOTAL
MEAN	---	---	0.072	0.101	0.012	0.008	0	0	0.032	0.160	---	---	MEAN
MAX	---	---	0.383	E.301	0.097	0.070	0	0	0.319	0.229	---	---	MAX
MIN	---	---	0	E.011	0	E	0	0	0	0.038	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.065
MAXIMUM DAILY, 0.383 ON MAR 18
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.433 AT 01:00 MST ON SEP 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 35 N
LONG 113 41 07 W
DRAINAGE AREA, 440 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	194	SEP	84.0
APR	262	OCT	430
MAY	32.4	NOV	---
JUN	20.2	DEC	---

TOTAL DISCHARGE, 1 020 dam³

TWELVE MILE COULEE SPILLWAY NEAR CARSELAND - STATION NO. 05BM003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.008	0.046	0.036	0.051	0.076	0.392	0.0028	---	1
2	---	---	---	---	0.004	0.044	0.030	0.074	0.076	0.158	0.0028	---	2
3	---	---	---	---	0.003	0.042	0.012	0.025	0.076	0.091	0.0028	---	3
4	---	---	---	---	0.002	0.043	0.030	0.036	0.077	0.018	0.0018	---	4
5	---	---	---	---	0.002	0.043	0.036	0.053	0.083	0.009	0.0018	---	5
6	---	---	---	---	0.001	0.042	0.030	0.041	0.088	0.006	---	---	6
7	---	---	---	---	0.001	0.034	0.036	0.011	0.088	0.006	---	---	7
8	---	---	---	---	0.001	0.013	0.023	0.076	0.085	0.006	---	---	8
9	---	---	---	---	0.001	0.030	0.031	0.085	0.085	0.006	---	---	9
10	---	---	---	---	0.001	0.014	0.117	0.094	0.083	0.006	---	---	10
11	---	---	---	---	0.002	0.001	0.100	0.084	0.085	0.006	---	---	11
12	---	---	---	---	0.003	0	0.144	0.083	0.426	0.005	---	---	12
13	---	---	---	---	0.002	0.001	0.203	0.051	0.550	0.004	---	---	13
14	---	---	---	---	0.001	0.069	0.199	0.027	0.383	0.004	---	---	14
15	---	---	---	---	0.012	0.088	0.184	0.104	0.347	0.004	---	---	15
16	---	---	---	---	0.031	0.087	0.196	0.081	0.343	0.004	---	---	16
17	---	---	---	---	0.038	0.085	0.218	0.078	0.384	0.004	---	---	17
18	---	---	---	---	0.038	0.081	0.191	0.078	0.469	0.004	---	---	18
19	---	---	---	---	0.040	0.067	0.187	0.038	0.474	0.004	---	---	19
20	---	---	---	---	0.047	0.057	0.184	0.053	0.580	0.003	---	---	20
21	---	---	---	---	0.047	0.057	0.171	0.050	0.648	0.003	---	---	21
22	---	---	---	0.008A	0.031	0.038	0.092	0.062	0.655	0.002	---	---	22
23	---	---	---	0.023	0.037	0.037	0.108	0.072	0.660	0.002	---	---	23
24	---	---	---	0.017	0.038	0.027	0.178	0.078	0.700	0.003	---	---	24
25	---	---	---	0.018	0.053	0.031	0.172	0.046	0.702	0.003	---	---	25
26	---	---	---	0.018	0.050	0.001	0.118	0.028	0.708	0.002	---	---	26
27	---	---	---	0.018	0.056	0	0.083	0.008	0.686	0.001	---	---	27
28	---	---	---	0.018	0.068	0.038	0.080	0.057	0.707	0.001	---	---	28
29	---		---	0.012	0.061	0.035	0.087	0.076	0.682	0.002	---	---	29
30	---		---	0.008	0.051	0.013	0.078	0.050	0.644	0.0038	---	---	30
31	---		---		0.048		0.068	0.073		0.0028		---	31
TOTAL	---	---	---	---	0.771	1.037	3.424	1.804	11.850	0.725	---	---	TOTAL
MEAN	---	---	---	---	0.025	0.035	0.110	0.061	0.388	0.023	---	---	MEAN
MAX	---	---	---	---	0.068	0.088	0.218	0.104	0.707	0.392	---	---	MAX
MIN	---	---	---	---	0.001	0	0.013	0.008	0.076	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.198
MAXIMUM DAILY, 0.707 ON SEP 28
MINIMUM DAILY, 0 ON JUN 12

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 28 N
LONG 113 34 29 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	398
FEB	---	AUG	184
MAR	---	SEP	1 010
APR	---	OCT	82.6
MAY	88.8	NOV	---
JUN	88.8	DEC	---

TOTAL DISCHARGE, 1 890 dam³

TWELVE MILE CREEK NEAR CECIL - STATION NO. 05BN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	1.51	5.35	5.09	2.39	1.17	0.162	---	1
2	---	---	---	---	0	2.13	5.38	5.02	2.08 E	1.44	0.170	---	2
3	---	---	---	---	0	2.71	5.56	5.65	1.90 E	1.79	0.154	---	3
4	---	---	---	---	0	2.95	5.45	5.43	1.73 E	1.99	0.165	---	4
5	---	---	---	---	0	2.97	4.99	5.53	1.59 E	2.39	0.152A	---	5
6	---	---	---	---	0	3.28	5.13	5.52	1.39 E	2.78	---	---	6
7	---	---	---	---	0	5.25	5.15	5.46	1.16 E	2.73	---	---	7
8	---	---	---	---	0	7.58	4.97	5.38	0.978E	2.34	---	---	8
9	---	---	---	---	0	6.27	4.87	5.44	0.818E	1.89	---	---	9
10	---	---	---	---	0	5.97	4.77	5.91	0.668E	1.65	---	---	10
11	---	---	---	---	0	5.17	4.62	5.30	0.555	1.10	---	---	11
12	---	---	---	---	0	5.06	4.78	5.46	0.627	1.32	---	---	12
13	---	---	---	---	0	5.38	4.88	5.20	0.548	1.06	---	---	13
14	---	---	---	---	0	5.04	4.78	5.09	0.737	1.08	---	---	14
15	---	---	---	---	0	5.28	5.02	5.00	0.595	0.961	---	---	15
16	---	---	---	---	0A	5.34	5.24	4.97	0.400	0.765	---	---	16
17	---	---	---	---	0	5.38	5.58	4.31	0.637	0.611	---	---	17
18	---	---	---	---	0	5.29	5.56	4.10	0.578	0.605	---	---	18
19	---	---	---	---	0	5.13	5.04	3.87	0.513	0.569	---	---	19
20	---	---	---	---	0	5.05	5.04	3.82	0.361	0.529	---	---	20
21	---	---	---	---	0	4.99	5.06	3.85	0.440	0.473	---	---	21
22	---	---	---	---	0	4.80	5.43	3.80	0.398	0.198	---	---	22
23	---	---	---	---	0	4.30	5.71	3.82	0.311	0.323	---	---	23
24	---	---	---	---	0	4.70	5.49	3.60	0.377	0.333	---	---	24
25	---	---	---	---	0	5.61	5.15	3.97	0.335	0.274	---	---	25
26	---	---	---	---	0	5.48	5.00	3.52	0.481	0.290	---	---	26
27	---	---	---	---	0	5.18	5.75	3.48	0.477	0.210	---	---	27
28	---	---	---	---	0	5.33	5.81	3.33	0.486	0.244	---	---	28
29	---		---	---	0	0.084	5.57	5.08	3.20	0.591	0.163	---	29
30	---		---	---	0	0.438	5.41	5.79	2.88	0.844	0.131	---	30
31	---		---			1.07		5.98	2.46		0.107	---	31
TOTAL	---	---	---	---	---	1.872	143.03	170.91	140.05	24.691	21.906	---	---	TOTAL
MEAN	---	---	---	---	---	0.061	4.77	5.51	4.92	0.839	1.03	---	---	MEAN
MAX	---	---	---	---	---	1.07	7.58	5.71	5.08	2.39	2.78	---	---	MAX
MIN	---	---	---	---	---	0	1.51	4.62	2.46	0.311	0.131	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.78
MAXIMUM DAILY, 7.58 ON JUN 8
MINIMUM DAILY, 0 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 00 N
LONG 111 40 00 W
DRAINAGE AREA, 2 780 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	14 800
FEB	---	AUG	12 100
MAR	---	SEP	2 150
APR	---	OCT	2 760
MAY	138	NOV	---
JUN	12 400	DEC	---

TOTAL DISCHARGE, 44 200 dam³

TWIN CREEK NEAR SEEBE - STATION NO. 05BF018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.005	0.005	0.004	0.004	0.007	0.152	0.072	0.034	0.055	0.052	0.022	0.009	1
2	0.005	0.005	0.004	0.004	0.011	0.143	0.070	0.033	0.051	0.049	0.021	0.009	2
3	0.005	0.004	0.004	0.004	0.021	0.139	0.067	0.033	0.048	0.046	0.020	0.011	3
4	0.005	0.004	0.004	0.004	0.033	0.145	0.064	0.034	0.047	0.043	0.020	0.012	4
5	0.005	0.004	0.004	0.004	0.018	0.152	0.060	0.033	0.046	0.042	0.018	0.013	5
6	0.005	0.004	0.004	0.004	0.017	0.153	0.057	0.032	0.044	0.041	0.018	0.013	6
7	0.005	0.004	0.004	0.004	0.020	0.170	0.054	0.031	0.046	0.037	0.018	0.013	7
8	0.005	0.004	0.004	0.004	0.033	0.204	0.051	0.034	0.047	0.037	0.018	0.012	8
9	0.005	0.004	0.004	0.004	0.024	0.189	0.048	0.032	0.048	0.037	0.017	0.012	9
10	0.005	0.004	0.004	0.004	0.033	0.195	0.045	0.033	0.050	0.038	0.018	0.011	10
11	0.005	0.004	0.004	0.005	0.031	0.168	0.042	0.034	0.053	0.035	0.018	0.011	11
12	0.005	0.004	0.004	0.005	0.019	0.167	0.041	0.032	0.100	0.033E	0.018	0.011	12
13	0.005	0.005	0.004	0.006	0.020	0.159	0.040	0.030	0.225	0.033E	0.018	0.011	13
14	0.006	0.005	0.004	0.009	0.022	0.163	0.038	0.030	0.228	0.030E	0.018	0.011	14
15	0.006	0.004	0.004	0.008	0.025	0.155	0.036	0.042	0.191	0.031E	0.018	0.011	15
16	0.005	0.004	0.004	0.007	0.033	0.155	0.035	0.059	0.165	0.030E	0.016	0.011	16
17	0.006	0.004	0.004	0.008	0.062	0.139	0.041	0.072	0.142	0.031E	0.013	0.011	17
18	0.005	0.004	0.004	0.007	0.078	0.133	0.037	0.070	0.124	0.029E	0.013	0.010	18
19	0.005	0.004	0.004	0.007	0.109	0.136	0.037	0.074	0.110	0.031E	0.014	0.010	19
20	0.005	0.004	0.004	0.006	0.135	0.142	0.038	0.064	0.097	0.027E	0.013	0.010	20
21	0.005	0.004	0.004	0.005	0.148	0.133	0.035	0.057	0.089	0.027E	0.013	0.010	21
22	0.005	0.004	0.004	0.005	0.185	0.134	0.033	0.105	0.080	0.025E	0.012	0.010	22
23	0.005	0.004	0.004	0.005	0.184	0.115	0.033	0.103	0.074	0.024E	0.012	0.010	23
24	0.005	0.004	0.004	0.005	0.183	0.105	0.032	0.104	0.068	0.025E	0.011	0.010	24
25	0.005	0.004	0.004	0.005	0.255	0.093	0.030	0.101	0.065	0.024E	0.011	0.010	25
26	0.005	0.004	0.004	0.005	0.235	0.083	0.028	0.094	0.063	0.021E	0.010	0.010	26
27	0.005	0.004	0.004	0.005	0.188	0.080	0.027	0.085	0.058	0.024E	0.009	0.009	27
28	0.005	0.004	0.004	0.005	0.173	0.078	0.026	0.078	0.058	0.027E	0.011	0.009	28
29	0.005		0.004	0.005	0.188	0.078	0.026	0.070	0.053	0.028E	0.010	0.009	29
30	0.005		0.004	0.005	0.161	0.078	0.025	0.065	0.056	0.024A	0.010	0.009	30
31	0.005		0.004		0.159		0.025	0.059		0.023		0.009	31
TOTAL	0.163	0.118	0.124	0.188	3.718	4.081	1.291	1.709	2.575	1.008	0.461	0.334	TOTAL
MEAN	0.005	0.004	0.004	0.006	0.088	0.136	0.042	0.055	0.086	0.033	0.015	0.010	MEAN
MAX	0.006	0.005	0.004	0.009	0.255	0.204	0.072	0.105	0.228	0.062	0.022	0.012	MAX
MIN	0.005	0.004	0.004	0.004	0.007	0.078	0.025	0.021	0.046	0.021	0.009	0.009	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.040
MAXIMUM DAILY, 0.255 ON MAY 25
MINIMUM DAILY, 0.004 ON FEB 3
MAXIMUM INSTANTANEOUS,
0.262 AT 14:00 MDT ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 07 33 N
LONG 115 10 15 W
DRAINAGE AREA, 2.94 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14.1	JUL	112
FEB	10.0	AUG	148
MAR	10.7	SEP	223
APR	14.3	OCT	86.6
MAY	235	NOV	38.1
JUN	353	DEC	28.0

TOTAL DISCHARGE, 1 270 dam³

TYRRELL LAKE OUTFLOW NEAR DAYTON - STATION NO. 05AF031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0088	0.012A	0.051	0.024	0.516	0.051	0.009	0.090	---	---	1
2	---	---	0.0078	0.011	0.048	0.022	0.480	0.203	0.007	0.037	---	---	2
3	---	---	0.0038	0.011	0.044	0.017	0.489	0.453	0.006	0.018	---	---	3
4	---	---	0.0038	0.011	0.042	0.014	0.515	0.834	0.008	0.013	---	---	4
5	---	---	0.0028	0.011	0.035	0.017	0.477	1.18	0.010	0.010	---	---	5
6	---	---	0	0.011	0.038	0.006	0.788	1.32	0.018	0.011	---	---	6
7	---	---	0	0.010	0.039	0.008	0.668	1.12	0.034	0.008	---	---	7
8	---	---	0	0.008	0.038	0.003	0.330	0.980	0.023	0.012	---	---	8
9	---	---	0	0.008	0.040	0.043	0.393	1.12	0.018	0.009	---	---	9
10	---	---	0.0018	0.009	0.038	0.715	0.357	1.02	0.015	0.020	---	---	10
11	---	---	0.0018	0.010	0.038	0.084	0.243	0.984	0.013	0.023	---	---	11
12	---	---	0.0028	0.008	0.052	0.416	0.230	0.974	0.049	0.017	---	---	12
13	---	---	0.0038	0.008	0.058	0.231	0.471	0.954	0.055	0.014	---	---	13
14	---	---	0.0048	0.010	0.052	0.072	0.690	0.743	0.033	0.011	---	---	14
15	---	---	0.0048	0.010	0.054	0.318	0.630	0.482	0.013	0.011	---	---	15
16	---	---	0.0058	0.011	0.042	0.242	0.606	0.310	0.006	0.011	---	---	16
17	---	---	0.0058	0.011	0.057	0.359	0.898	0.456	0.008	0.010	---	---	17
18	---	---	0.0048	0.010	0.047	0.009	1.15	0.187	0.026	0.009	---	---	18
19	---	---	0.0038	0.011	0.070	0.013	0.837	0.051	0.116	0.008	---	---	19
20	---	---	0.0038	0.012	0.071	0.195	0.702	0.016	0.089	0.007	---	---	20
21	---	---	0.0028	0.013	0.060	0.749	0.824	0.032	0.021	0.007	---	---	21
22	---	---	0.0028	0.013	0.048	0.821	0.886	0.077	0.071	0.008	---	---	22
23	---	---	0.0028	0.013	0.047	0.488	0.933	0.068	0.138	0.008	---	---	23
24	---	---	0.0038	0.014	0.040	0.082	0.870	0.020	0.133	0.008	---	---	24
25	---	---	0.0048	0.015	0.051	0.114	0.982	0.011	0.278	0.007	---	---	25
26	---	---	0.0058	0.015	0.058	0.584	0.857	0.007	0.355	0.007	---	---	26
27	---	0.0128	0.0068	0.016E	0.056	0.438	0.894	0.006	0.238	0.007	---	---	27
28	---	0.0138	0.0078	0.025E	0.068	0.295	0.897	0.006	0.115	0.015A	---	---	28
29	---		0.0088	0.040A	0.183	0.318	1.05	0.008	0.072	0.013E	---	---	29
30	---		0.0098	0.058	0.109	0.388	0.725	0.009	0.083	0.012E	---	---	30
31	---		0.0118		0.085		0.406	0.008		0.010E			31
TOTAL	---	---	0.119	0.438	1.773	7.867	20.723	13.510	3.093	0.452	---	---	TOTAL
MEAN	---	---	0.004	0.015	0.057	0.288	0.868	0.438	0.070	0.015	---	---	MEAN
MAX	---	---	0.011	0.058	0.183	0.821	1.15	1.32	0.355	0.090	---	---	MAX
MIN	---	---	0	0.008	0.034	0.003	0.330	0.008	0.006	0.007	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.182
MAXIMUM DAILY, 1.32 ON AUG 6
MINIMUM DAILY, 0E ON MAR 8
MAXIMUM INSTANTANEOUS,
1.43 AT 21:15 MST ON JUN 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 57 N
LONG 112 10 40 W
DRAINAGE AREA, 893 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 790
FEB	---	AUG	1 170
MAR	10.3	SEP	181
APR	37.6	OCT	39.1
MAY	193	NOV	---
JUN	699	DEC	---

TOTAL DISCHARGE, 4 070 dam³

UNITED IRRIGATION DISTRICT CANAL NEAR HILL SPRING - STATION NO. 05AD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	1.88	3.00	2.82	0.878	0.341	0E	---	1
2	---	---	---	0	0	1.89	2.43	2.82	0.885	0.329	0E	---	2
3	---	---	---	0	0	1.80	2.78	2.87	0.876	0.318	0E	---	3
4	---	---	---	0	0	1.85	2.88	2.82	1.11	0.308	0E	---	4
5	---	---	---	0	0	1.83	2.31	2.81	1.12	0.305	0E	---	5
6	---	---	---	0	0	1.84	2.25	2.82	1.18	0.306	0E	---	6
7	---	---	---	0	0	1.78	2.22	2.82	1.18	0.2900	0E	---	7
8	---	---	---	0	0	1.90	2.28	2.86	0.888	0.2100	0E	---	8
9	---	---	---	0	0.058	1.85	2.28	2.80	0.848	0.1858	0E	---	9
10	---	---	---	0	1.33	1.79	2.20	2.87	0.480	0.1708	0E	---	10
11	---	---	---	0	1.38	1.70	2.18	2.81	0.481	0.1808	0E	---	11
12	---	---	---	0	1.38	1.68	2.22	2.43	0.487	0.1858	0E	---	12
13	---	---	---	0	1.16	2.08	2.20	2.01	0.843	0	0E	---	13
14	---	---	---	0	1.87	2.88	2.21	2.01	1.38	0	0E	---	14
15	---	---	---	0	1.37	2.88	2.22	0.818	1.34	0	0E	---	15
16	---	---	---	0	1.72	2.84	2.22	1.20	1.27	0	0E	---	16
17	---	---	---	0	1.85	2.77	2.20	1.62	1.28	0	0E	---	17
18	---	---	---	0	1.48	2.88	2.27	1.57	1.27	0	0E	---	18
19	---	---	---	0	1.61	2.88	2.17	1.84	0.883	0	0E	---	19
20	---	---	---	0	1.88	2.84	2.16	1.88	0.833	0	0E	---	20
21	---	---	---	0	2.48	3.02	2.12	1.21	0.687	0	0E	---	21
22	---	---	---	0	2.88	2.88	2.12	0.883	0.682	0	0E	---	22
23	---	---	---	0	2.10	2.84	2.16	0.672	0.435	0	0E	---	23
24	---	---	---	0	2.08	2.87	2.02	0.758	0.418	0	0E	---	24
25	---	---	---	0	2.12	2.81	2.04	0.788	0.418	0	0E	---	25
26	---	---	---	0	2.88	2.88	2.03	0.829	0.425	0	0E	---	26
27	---	---	---	0	2.83	2.87	2.02	0.834	0.419	0	0E	---	27
28	---	---	0E	0	2.48	2.83	2.03	0.835	0.388	0	0E	---	28
29	---		0E	0	2.43	2.78	2.08	0.828	0.371	0	0E	---	29
30	---		0E	0	1.84	2.88	2.08	0.885	0.388	0	0E	---	30
31	---		0E		1.83		2.83	0.877		0		---	31
TOTAL	---	---	---	0	65.088	70.48	66.83	58.868	22.741	3.039	0	---	TOTAL
MEAN	---	---	---	0	1.88	2.35	2.06	1.77	0.758	0.098	0	---	MEAN
MAX	---	---	---	0	2.10	3.02	3.33	2.82	1.38	0.341	0	---	MAX
MIN	---	---	---	0	0	1.83	2.00	0.877	0.388	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 3.33 ON JUL 18
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 04 N
LONG 113 37 58 W

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 170
FEB	---	AUG	4 750
MAR	---	SEP	1 880
APR	0	OCT	333
MAY	3 680	NOV	0
JUN	8 080	DEC	---

TOTAL DISCHARGE, 25 100 dam³

UNNAMED CREEK NEAR FORT MACKAY - STATION NO. 07DA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0588	0.1458	4.07	0.868	0.110	0.066	0.130	0.347	0.1948	---	1
2	---	---	0.0588	0.2108	5.01	0.786	0.096	0.063	0.119	0.341	0.1748	---	2
3	---	---	0.0588	0.2608	6.47	0.767	0.093	0.066	0.117	0.370	0.1698	---	3
4	---	---	0.0588	0.2808	8.70	0.777	0.097	0.070	0.121	0.354	---	---	4
5	---	---	0.0588	0.2908	10.7	0.748	0.097	0.066	0.145	0.418	---	---	5
6	---	---	0.0588	0.2778	10.4	0.672	0.090	0.063	0.158	0.449	---	---	6
7	---	---	0.0588	0.2658	13.7	0.606	0.084	0.065	0.159	0.419	---	---	7
8	---	---	0.0588	0.2658	11.3	0.671	0.081	0.056	0.160	0.397	---	---	8
9	---	---	0.0588	0.2708	8.80	0.938	0.072	0.056	0.159	0.373	---	---	9
10	---	---	0.0588	0.3108	7.68	0.831	0.069	0.056	0.161	0.365	---	---	10
11	---	---	0.0588	0.3708	6.36	0.783	0.069	0.057	0.155	0.384	---	---	11
12	---	---	0.0588	0.4508	5.17	0.859	0.074	0.070	0.161	0.401	---	---	12
13	---	---	0.0588	0.5808	4.68	0.948	0.070	0.070	0.167	0.411	---	---	13
14	---	---	0.0588	0.7208	4.10	0.893	0.065	0.061	0.175	0.408	---	---	14
15	---	---	0.0588	0.8308	3.72	0.834	0.062	0.063	0.179	0.412	---	---	15
16	---	---	0.0588	1.47 E	3.39	0.941	0.069	0.060	0.210	E 0.376	---	---	16
17	---	---	0.0588	1.90 E	3.03	0.236	0.060	0.062	0.448	E 0.384	---	---	17
18	---	---	0.0588	1.38 E	2.79	0.221	0.063	0.063	0.384	E 0.387	---	---	18
19	---	---	0.0588	1.08 E	2.54	0.183	0.063	0.058	0.351	E 0.381	---	---	19
20	---	---	0.0588	0.8208	2.37	0.180	0.061	0.097	0.370	E 0.398	---	---	20
21	---	---	0.0578	0.8508	2.17	0.185	0.058	0.099	0.436	0.400	---	---	21
22	---	---	0.0588	0.8008	2.03	0.177	0.068	0.074	0.421	0.395	---	---	22
23	---	---	0.0638	0.7808	1.85	0.174	0.068	0.068	0.396	0.382	---	---	23
24	---	---	0.0708	0.8408	1.68	0.175	0.061	0.074	0.385	0.357	---	---	24
25	---	---	0.0788	1.02 E	1.48	0.201	0.058	0.103	0.379	0.3188	---	---	25
26	---	---	0.0848	1.42 E	1.34	0.195	0.097	0.097	0.367	0.2678	---	---	26
27	---	---	0.0868	2.30 E	1.26	0.179	0.127	0.065	0.422	0.2438	---	---	27
28	---	---	0.0918	2.75 E	1.13	0.165	0.096	0.079	0.387	0.2308	---	---	28
29	---		0.0958	3.38 A	1.10	0.145	0.080	0.075	0.363	0.2208	---	---	29
30	---		0.0988	3.93	1.03	0.135	0.076	0.124	0.350	0.2108	---	---	30
31	---		0.1018		0.979		0.070	0.138		0.2008		---	31
TOTAL	---	---	2.005	29.982	151.579	14.237	2.400	2.298	8.042	11.017	---	---	TOTAL
MEAN	---	---	0.065	0.999	4.89	0.475	0.077	0.074	0.268	0.355	---	---	MEAN
MAX	---	---	0.101	3.93	15.7	0.971	0.127	0.138	0.448	0.448	---	---	MAX
MIN	---	---	0.058	0.145	0.979	0.135	0.058	0.055	0.117	0.200	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.805
MAXIMUM DAILY, 15.7 ON MAY 5
MINIMUM DAILY, 0.055 ON AUG 7
MAXIMUM INSTANTANEOUS,
15.7 AT 10:24 MST ON MAY 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 39 41 N
LONG 111 31 11 W
DRAINAGE AREA, 274 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	207
FEB	---	AUG	199
MAR	173	SEP	695
APR	2 590	OCT	952
MAY	13 100	NOV	---
JUN	1 230	DEC	---

TOTAL DISCHARGE, 19 100 dam³

UPPER KANANASKIS LAKE - STATION NO. 05BF005

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1893.67	1890.42	1888.71	1888.74	1888.96	1890.85	1894.51	1898.13	1700.06	1701.42	1700.08	1897.93	1
2	1893.77	1890.30	1888.71	1888.77	1888.96	1890.97	1894.63	1898.16	1700.14	1701.45	1899.87	1897.80	2
3	1893.88	1890.18	1888.74	1888.77	1888.99	1891.03	1894.78	1898.26	1700.17	1701.45	1700.11	1897.74	3
4	1893.86	1890.06	1888.71	1888.77	1888.99	1891.15	1894.93	1898.36	1700.24	1701.48	1700.02	1897.61	4
5	1893.84	1889.93	1888.71	1888.77	1889.02	1891.27	1895.11	1898.41	1700.33	1701.49	1899.90	1897.48	5
6	1893.39	1889.84	1888.74	1888.77	1889.02	1891.40	1895.24	1898.47	1700.30	1701.52	1899.81	1897.37	6
7	1893.32	1889.78	1888.74	1888.81	1889.02	1891.56	1895.39	1898.53	1700.36	1701.45	1899.88	1897.31	7
8	1893.13	1889.86	1888.74	1888.77	1889.05	1891.76	1895.54	1898.56	1700.36	1701.36	1899.80	1897.25	8
9	1893.01	1889.87	1888.74	1888.77	1889.05	1891.86	1895.66	1898.62	1700.36	1701.33	1899.80	1897.13	9
10	1892.89	1889.68	1888.74	1888.77	1889.08	1892.01	1895.85	1898.65	1700.42	1701.27	1789.63	1897.00	10
11	1892.77	1889.33	1888.71	1888.81	1889.08	1892.13	1896.00	1898.71	1700.48	1701.24	1899.83	1898.86	11
12	1892.68	1889.23	1888.71	1888.81	1889.11	1892.22	1896.12	1898.77	1700.60	1701.27	1899.83	1898.78	12
13	1892.58	1889.11	1888.71	1888.81	1889.08	1892.34	1896.24	1898.77	1700.69	1701.27	1899.41	1898.67	13
14	1892.49	1889.02	1888.71	1888.81	1889.11	1892.48	1896.33	1898.80	1700.75	1701.21	1899.35	1898.70	14
15	1892.37	1888.99	1888.74	1888.84	1889.11	1892.62	1896.46	1898.89	1700.84	1701.15	1899.20	1898.67	15
16	1892.28	1888.77	1888.74	1888.84	1889.14	1892.74	1896.58	1898.95	1700.81	1701.08	1899.17	1898.67	16
17	1892.18	1888.71	1888.74	1888.84	1889.17	1892.86	1896.67	1899.05	1700.87	1701.00	1899.14	1898.67	17
18	1892.04	1888.68	1888.71	1888.87	1889.23	1892.96	1896.78	1899.11	1701.03	1700.91	1899.05	1898.64	18
19	1891.91	1888.68	1888.71	1888.87	1889.29	1893.13	1896.88	1899.20	1701.06	1700.84	1898.93	1898.55	19
20	1891.79	1888.71	1888.74	1888.90	1889.41	1893.28	1897.00	1899.26	1701.12	1700.84	1898.80	1898.39	20
21	1891.67	1888.71	1888.74	1888.90	1889.48	1893.41	1897.10	1898.74	1701.18	1700.84	1898.68	1898.36	21
22	1891.58	1888.71	1888.74	1888.90	1889.57	1893.53	1897.22	1898.41	1701.21	1700.78	1898.56	1898.27	22
23	1891.46	1888.71	1888.74	1888.90	1889.66	1893.65	1897.34	1898.47	1701.21	1700.86	1898.50	1898.18	23
24	1891.34	1888.71	1888.74	1888.90	1889.84	1893.74	1897.43	1898.56	1701.27	1700.87	1898.44	1898.03	24
25	1891.24	1888.71	1888.74	1888.90	1890.03	1893.83	1897.55	1898.83	1701.30	1700.68	1898.32	1898.03	25
26	1891.12	1888.71	1888.74	1888.90	1890.18	1893.83	1897.64	1898.89	1701.33	1700.84	1898.19	1898.87	26
27	1891.00	1888.71	1888.74	1888.93	1890.24	1894.02	1897.74	1898.78	1701.33	1700.84	1898.07	1898.65	27
28	1890.88	1888.71	1888.74	1888.96	1890.30	1894.11	1897.83	1898.67	1701.30	1700.78	1897.95	1898.70	28
29	1890.76		1888.74	1888.96	1890.48	1894.23	1897.95	1898.83	1701.30	1700.80	1897.88	1898.73	29
30	1890.63		1888.74	1888.96	1890.60	1894.36	1898.04	1898.98	1701.42	1700.87	1897.88	1898.87	30
31	1890.84		1888.77		1890.73		1898.10	1700.05		1700.17		1898.48	31
MEAN	1892.23	1889.31	1888.73	1888.84	1889.45	1892.66	1896.47	1899.03	1700.81	1701.01	1899.10	1898.06	MEAN
MAX	1893.87	1890.42	1888.77	1888.96	1890.73	1894.36	1898.10	1700.05	1701.42	1701.52	1700.11	1897.80	MAX
MIN	1890.84	1888.68	1888.71	1888.74	1888.96	1890.85	1894.51	1898.13	1700.06	1700.17	1897.88	1898.48	MIN

WATER LEVELS IN METRES

MEAN, 1894.85
MAXIMUM DAILY, 1701.52 ON OCT 5
MINIMUM DAILY, 1888.68 ON FEB 16

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 37 00 N
LONG 115 07 00 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
151 km²

WATER LEVELS ARE REFERRED TO TRANSALTA UTILITIES DATUM
APPLY 0.363 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

UTIKUMA LAKE NEAR NIPISI - STATION NO. 07JA001

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	30.173	30.071	---	---	---	---	---	2
3	---	---	---	---	---	---	30.070	29.898	---	29.851	---	---	3
4	---	---	---	---	---	---	30.070	---	---	---	---	---	4
5	---	---	30.044	---	30.114	30.073	---	29.898	---	---	---	---	5
6	---	---	---	---	---	---	30.070	---	---	---	---	---	6
7	---	---	---	---	---	30.073	---	29.898	---	---	---	---	7
8	---	---	---	---	30.114	---	30.070	---	---	---	---	---	8
9	---	---	---	---	---	---	---	29.898	---	---	---	---	9
10	---	---	---	---	---	30.072	---	---	---	---	---	---	10
11	---	---	---	---	---	---	30.070	29.898	---	---	---	---	11
12	---	---	---	---	---	---	30.070	---	---	---	---	---	12
13	---	---	---	---	---	30.072	---	29.898	---	---	---	---	13
14	---	---	---	---	30.114	---	29.870	---	---	---	---	---	14
15	---	---	---	---	---	---	---	29.898	---	---	---	---	15
16	---	---	---	---	30.124	30.072	29.868	29.898	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	30.172	---	29.898	---	---	---	---	18
19	---	---	---	---	---	---	29.849	---	---	---	---	---	19
20	---	---	---	---	---	30.172	---	29.898	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	30.124	30.171	29.848	29.898	---	---	---	---	22
23	---	---	---	30.102	30.214	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	29.848	29.898	---	---	---	---	24
25	---	---	---	---	---	30.047	---	---	---	---	---	---	25
26	---	---	---	---	30.074	---	---	29.818	29.838	---	---	---	26
27	---	---	---	---	30.124	---	29.848	29.852	---	---	---	---	27
28	---	---	30.050	---	---	---	---	29.818	---	---	---	---	28
29	---		---	---	---	29.971	29.848	---	---	---	---	---	29
30	---		---	---	---	---	29.830	---	---	29.885	---	---	30
31	---		---		30.123		29.848	29.818		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 51 25 N
LONG 115 15 27 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DRAINAGE AREA,
2 470 km²

VERDIGRIS COULEE NEAR THE MOUTH - STATION NO. 11AA038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.078A	0.582	0.484	0.600E	0.524	0.624	0.630B	---	1
2	---	---	---	---	0.060E	0.571	0.481	0.600E	0.537	0.797	0.604B	---	2
3	---	---	---	---	0.100E	0.571	0.458	0.600E	0.553	0.633	0.577B	---	3
4	---	---	---	---	0.150E	0.559	0.430	0.600E	0.554	0.751	0.560B	---	4
5	---	---	---	---	0.200E	0.582	0.433	0.600E	0.571	0.759	0.550B	---	5
6	---	---	---	---	0.250E	0.571	0.438	0.700E	0.739	0.627	0.530B	---	6
7	---	---	---	---	0.300E	0.537	0.442	0.700E	0.714	0.610B	0.500B	---	7
8	---	---	---	---	0.318A	0.481	0.433	0.700E	0.741	0.600B	0.480B	---	8
9	---	---	---	---	0.332	0.398	0.413	0.700E	0.700	0.707B	0.410B	---	9
10	---	---	---	---	0.343	0.356	0.406	0.700E	0.692	0.658B	0.400B	---	10
11	---	---	---	---	0.388	0.139	0.410	0.700E	0.651	0.640	0.390B	---	11
12	---	---	---	---	0.808	0.146	0.378	0.700E	0.672	0.758	0.378B	---	12
13	---	---	---	---	0.438	0.438	0.390	0.700E	0.691	0.783	0.340B	---	13
14	---	---	---	---	0.409	0.580	0.358	0.700E	0.731	0.789	0.260B	---	14
15	---	---	---	---	0.432	0.582	0.332	0.704A	0.714	0.787	0.220B	---	15
16	---	---	---	---	0.431	0.594	0.334	0.688	0.717	0.748	0.180B	---	16
17	---	---	---	---	0.432	0.582	0.373	0.808	0.718	0.744	0.060B	---	17
18	---	---	---	---	0.431	0.610	0.380	0.698	0.763	0.738	0.030B	---	18
19	---	---	---	---	0.453	0.475	0.358	0.813	0.738	0.708	0 B	---	19
20	---	---	---	---	0.496	0.833	0.350	0.832	0.734	0.729	0 B	---	20
21	---	---	---	---	0.483	0.844	0.332	0.788	0.788	0.708	0 B	---	21
22	---	---	---	---	0.478	0.813	0.336	0.883	0.781	0.719	0 B	---	22
23	---	---	---	---	0.488	0.488	0.370	0.853	0.744	0.738	0 B	---	23
24	---	---	---	---	0.486	0.478	0.350	0.803	0.788	0.678	0 B	---	24
25	---	---	---	---	0.552	0.531	0.333	0.809	0.785	0.688	0 B	---	25
26	---	---	---	---	0.531	0.488	0.314	0.808	0.803	0.628	0 B	---	26
27	---	---	---	---	0.543	0.438	0.435	0.484	0.809	0.635	0 B	---	27
28	---	---	---	---	0.594	0.436	0.488	0.823	0.778	0.663	0 B	---	28
29	---		---	---	0.593	0.418	0.486	0.818	0.848	0.6518	0 B	---	29
30	---		---	---	0.736	0.480	0.487A	0.818	0.788	0.6898	0 B	---	30
31	---		---		0.814		0.600E	0.883		0.6838		---	31
TOTAL	---	---	---	---	12.586	14.406	13.374	19.220	21.673	23.027	7.088	---	TOTAL
MEAN	---	---	---	---	0.406	0.480	0.388	0.620	0.722	0.743	0.238	---	MEAN
MAX	---	---	---	---	0.788	0.884	0.500	0.788	0.872	0.888	0.630	---	MAX
MIN	---	---	---	---	0.078	0.139	0.314	0.484	0.624	0.551	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 070
FEB	---	AUG	1 660
MAR	---	SEP	1 670
APR	---	OCT	1 990
MAY	1 080	NOV	612
JUN	1 240	DEC	---

MAXIMUM INSTANTANEOUS,
1.30 AT 10:30 MST 08 OCT 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 39 N
LONG 111 45 31 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

VERMILION PARK LAKE NEAR VERMILION - STATION NO. 05EE005

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	575.771E	575.985	576.072	575.925	575.881	575.718	575.718	575.673	575.740	---	1
2	---	---	575.771E	576.017	576.065	575.916	575.863	575.714	575.715	575.667	575.745	---	2
3	---	---	575.771E	576.039	576.054	575.913	575.856	575.709	575.711	575.669	575.746	---	3
4	---	---	575.771A	576.067	576.033	575.910	575.845	575.707	575.702	575.664	575.751	---	4
5	---	---	575.766	576.095	576.023	575.914	575.836	575.715	575.704	575.672	575.758	---	5
6	---	---	575.757	576.095	576.034	575.920	575.832	575.711	575.704	575.667	575.763	---	6
7	---	---	575.756	576.101	576.042	575.904	575.830	575.700	575.695	575.666	575.763	---	7
8	---	---	575.762	576.124	576.038	575.917	575.822	575.720	575.693	575.665	575.771A	---	8
9	---	---	575.760	576.149	576.023	575.908	575.819	575.736	575.694	575.667	---	---	9
10	---	---	575.759	576.176	576.019	575.921	575.806	575.736	575.687	575.678	---	---	10
11	---	---	575.763	576.182	576.017	575.927	575.799	575.741	575.680	575.675	---	---	11
12	---	---	575.767	576.220	576.015	575.930	575.801	575.736	575.673	575.680	---	---	12
13	---	---	575.769	576.257	576.016	575.927	575.800	575.727	575.681	575.669E	---	---	13
14	---	---	575.770	576.269	576.026	575.927	575.793	575.722	575.656	575.669	---	---	14
15	---	---	575.772	576.268	576.022	575.923	575.789	575.721	575.656	575.672	---	---	15
16	---	---	575.774	576.262	576.009	575.913	575.780	575.710	575.678	575.678	---	---	16
17	---	---	575.781	576.265	576.005	575.898	575.786	575.707	575.684	575.683	---	---	17
18	---	---	575.795	576.267	576.009	575.881	575.772	575.699	575.678	575.686	---	---	18
19	---	---	575.817	576.265	576.972	575.903	575.773	575.693	575.645	575.693	---	---	19
20	---	---	575.837	576.247	575.970	575.910	575.774	575.698	575.644	575.702	---	---	20
21	---	---	575.838	576.232	575.962	575.889	575.776	575.716	575.659	575.706	---	---	21
22	---	---	575.861	576.213	575.948	575.895	575.772	575.726	575.678	575.715	---	---	22
23	---	---	575.888	576.186	575.942	575.874	575.765	575.741	575.676	575.729	---	---	23
24	---	---	575.923	576.165	575.938	575.882	575.760	575.735	575.675	575.721	---	---	24
25	---	---	575.928	576.160	575.942	575.879	575.765	575.736	575.684	575.719	---	---	25
26	---	---	575.913	576.163	575.938	575.877	575.769	575.740	575.677	575.720	---	---	26
27	---	---	575.895	576.133	575.933	575.869	575.767	575.725	575.677	575.717	---	---	27
28	---	---	575.878	576.100	575.938	575.858	575.746	575.709	575.674	575.729	---	---	28
29	---	---	575.873	576.078	575.930	575.860	575.745	575.707	575.668	575.727	---	---	29
30	---	---	575.864	576.079	575.927	575.861	575.724	575.711	575.666	575.730	---	---	30
31	---	---	575.863		575.923		575.717	575.722		575.734		---	31
MEAN	---	---	575.851	576.162	575.992	575.902	575.792	575.719	575.680	575.692	---	---	MEAN
MAX	---	---	576.028	576.269	576.072	575.930	575.863	575.741	575.718	575.734	---	---	MAX
MIN	---	---	575.757	575.985	575.923	575.858	575.717	575.693	575.644	575.664	---	---	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MAXIMUM DAILY, 576.269 ON APR 14

MAXIMUM INSTANTANEOUS,
576.281 AT 12:55 MST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 21 40 N
LONG 110 51 24 W

A - MANUAL GAUGE

E - ESTIMATED

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

VERMILION RIVER DRAINAGE NEAR HOLDEN - STATION NO. 05EE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.426	0.187	E	0	0	0	0	---	---	1
2	---	---	0 B	0.063	0.114	E	0	0	0	0	---	---	2
3	---	---	0 B	0.036	0.067	E	0	0	0	0	---	---	3
4	---	---	0 B	0.195	0.061	0	0	0	0	0	---	---	4
5	---	---	0 B	0.102	0.036	E 0.002	0	0	0	0	---	---	5
6	---	---	0 B	0.340	0.032	0.004	0	0	0	0	---	---	6
7	---	---	0 B	2.11	0.033	0	0	0	0	0	---	---	7
8	---	---	0 B	1.66	0.023	0	0	0	0	0	---	---	8
9	---	---	0 B	1.12	0.018	0	0	0	0	0	---	---	9
10	---	---	0 B	0.883	0.015	0	0	0	0	0	---	---	10
11	---	---	0 B	0.838	0.021	E	0	0	0	0	---	---	11
12	---	---	0 B	0.383	0.012	E	0	0	0	0	---	---	12
13	---	---	0 B	0.201	0.008	E	0	0	0	0	---	---	13
14	---	---	0 B	0.113	0.004	E	0	0	0	0	---	---	14
15	---	---	0 B	0.058	0	E	0	0	0	0	---	---	15
16	---	---	0 B	0.040	0	E	0	0	0	0	---	---	16
17	---	---	0 B	0.021	0	E	0	0	0	0	---	---	17
18	---	---	0 B	0.002	0	E	0	0	0	0	---	---	18
19	---	---	0.031B	0	0	E	0	0	0	0	---	---	19
20	---	---	0.349	0.008	0	E	0	0	0	0	---	---	20
21	---	---	0.338	0.003	0	E	0	0	0	0	---	---	21
22	---	---	0.005	0.334	0	E	0	0	0	0	---	---	22
23	---	---	0	0.536	0	E 0.002	0	0	0	0	---	---	23
24	---	---	0.009	0.035	0	0.056	0	0	0	0	---	---	24
25	---	---	0.105	0.035	0	E.014	0	0	0	0	---	---	25
26	---	---	0.048	0.189	0	E.003	0	0	0	0	---	---	26
27	---	---	0.021	0.234	0	0.012	0	0	0	0	---	---	27
28	---	---	0.021	0.177	0	E.005	0	0	0	0	---	---	28
29	---	---	0.036	0.214	0	E	0	0	0	0	---	---	29
30	---	---	0.066	0.268	0	0	0	0	0	0	---	---	30
31	---	---	0.211		0		0	0		0		---	31
TOTAL	---	---	1.122	10.910	0.631	0.110	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.036	0.364	0.020	0.004	0	0	0	0	---	---	MEAN
MAX	---	---	0.349	2.11	0.187	0.056	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.064
MAXIMUM DAILY, 2.11 ON APR 7
MINIMUM DAILY, 0 ON APR 10
MAXIMUM INSTANTANEOUS,
2.17 AT 00:43 MDT ON APR 7

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 06 02 N
LONG 112 24 18 W
DRAINAGE AREA, 59.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	69.0	SEP	0
APR	943	OCT	0
MAY	84.5	NOV	---
JUN	9.50	DEC	---

TOTAL DISCHARGE, 1 010 dam³

VERMILION RIVER NEAR MARWAYNE - STATION NO. 05EE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	10.6 B	7.59	1.58	0.733	0.037	0.0152	---	---	---	1
2	---	---	0 B	12.7 B	7.09	1.63	0.730	0.031	0.0152	---	---	---	2
3	---	---	0.0038	12.5 B	6.63	1.48	0.715	0.027	0.0152	---	---	---	3
4	---	---	0.0068	11 2.8	6.32	1.37	0.695	0.041	0.0192	---	---	---	4
5	---	---	0.0098	8.158	6.03	1.31	0.656	0.048	0.0192	---	---	---	5
6	---	---	0.0138	7.888	5.72	1.27	0.617	0.029	0.0152	---	---	---	6
7	---	---	0.0278	7.438	5.62	1.25	0.581	0.020	0.0152	---	0.0728	---	7
8	---	---	0.0418	7.80	5.20	1.34	0.552	0.041	0.0152	---	---	---	8
9	---	---	0.0558	7.84	5.15	1.37	0.527	0.068	0.0158	0.0048	---	---	9
10	---	---	0.0698	8.09	5.13	1.34	0.479	0.051	---	---	---	---	10
11	---	---	0.0838	8.30	4.81	1.39	0.437	0.040	---	---	---	---	11
12	---	---	0.0978	8.82	4.61	1.18	0.381	0.038	---	---	---	---	12
13	---	---	0.1118	9.69	4.62	1.18	0.328	0.033	---	---	---	---	13
14	---	---	0.1258	11 0	4.40	1.18	0.282	0.026	---	---	---	---	14
15	---	---	0.1398	12 0	4.24	1.16	0.229	0.016	---	---	---	---	15
16	---	---	0.1538	12 5	4.16	1.12	0.208	0.012	---	---	---	---	16
17	---	---	0.1678	13 1	4.02	1.08	0.235	0.011	---	---	---	---	17
18	---	---	0.1818	13 3	3.75	1.08	0.317	0.011	---	---	---	---	18
19	---	---	0.1958	13 4	3.47	1.06	0.185	0.010	---	---	---	---	19
20	---	---	0.2098	13 5	3.20	1.02	0.178	0.010	---	---	---	---	20
21	---	---	0.2658	14 0	3.02	0.989	0.173	0.010	---	---	---	---	21
22	---	---	0.3336	14 5	2.71	0.921	0.154	0.024	---	---	---	---	22
23	---	---	0.3978	14.1	2.48	0.800	0.134	0.022	---	---	---	---	23
24	---	---	0.4618	13 7	2.37	0.889	0.125	0.020	---	---	---	---	24
25	---	---	0.5258	11 4	2.16	0.879	0.115	0.020	---	---	---	---	25
26	---	---	0.5898	10 5	2.13	0.870	0.092	0.020	---	---	---	---	26
27	---	---	0.6508	10 2	2.08	0.846	0.087	0.0192	---	---	---	---	27
28	---	---	1.25 B	9.73	2.03	0.821	0.079	0.0192	---	---	---	---	28
29	---		2.80 B	8.94	1.88	0.804	0.069	0.0182	---	---	---	---	29
30	---		4.50 B	8.23	1.73	0.767	0.059	0.0172	---	---	---	---	30
31	---		5.80 B		1.88		0.047	0.0162		---		---	31
TOTAL	---	---	24.353	324.05	135.90	33.636	10.134	0.800	---	---	---	---	TOTAL
MEAN	---	---	0.782	10.8	4.05	1.13	0.327	0.026	---	---	---	---	MEAN
MAX	---	---	5.80	14.5	7.59	1.58	0.733	0.068	---	---	---	---	MAX
MIN	---	---	0	7.43	1.88	0.767	0.047	0.010	---	---	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 14.5 ON APR 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
14.5 AT 21:33 MST ON APR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 25 28 N
LONG 110 23 51 W
DRAINAGE AREA, 7 270 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	875
FEB	---	AUG	69.1
MAR	3 100	SEP	---
APR	28 000	OCT	---
MAY	10 600	NOV	---
JUN	2 920	DEC	---

VERMILION RIVER NEAR VERMILLE - STATION NO. 05EE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	5.718	1.77	0.301	0	0	0	0	0B	---	1
2	---	---	0 B	7.618	1.64	0.350	0	0	0	0	0B	---	2
3	---	---	0 B	6.898	1.67	0.373	0	0	0	0	0B	---	3
4	---	---	0 B	11.1 B	1.75	0.305	0	0	0	0	0B	---	4
5	---	---	0 B	10.5	1.63	0.297	0	0	0	0	0B	---	5
6	---	---	0 B	9.73	1.44	0.305	0	0	0	0	---	---	6
7	---	---	0 B	8.87	1.28	0.316	0	0	0	0	---	---	7
8	---	---	0 B	7.93	1.15	0.367	0	0	0	0	---	---	8
9	---	---	0 B	7.26	1.01	0.316	0	0	0	0	---	---	9
10	---	---	0.0018	7.70	0.770	0.237	0	0	0	0	---	---	10
11	---	---	0.0028	7.52	0.721	0.192	0	0	0	0	---	---	11
12	---	---	0.0048	8.58	0.909	0.155	0	0	0	0	---	---	12
13	---	---	0.0068	9.87	0.800	0.235	0	0	0	0	---	---	13
14	---	---	0.0088	9.14	0.977	0.293	0	0	0	0	---	---	14
15	---	---	0.0128	6.82	0.771	0.175	0	0	0	0	---	---	15
16	---	---	0.0208	6.00	0.851	0.148	0	0	0	0	---	---	16
17	---	---	0.0608	6.00	1.08	0.079	0	0	0	0	---	---	17
18	---	---	0.1208	3.00	0.780	0.054	0	0	0	0	---	---	18
19	---	---	0.3008	3.18	0.420	0.031	0	0	0	0	---	---	19
20	---	---	1.00 B	3.08	0.251	0.030	0	0	0	0B	---	---	20
21	---	---	2.00 B	2.84	0.131	0.012	0	0	0	0B	---	---	21
22	---	---	2.51 B	2.39	0.143	0.010	0	0	0	0B	---	---	22
23	---	---	2.74 B	2.11	0.273	0.008	0	0	0	0B	---	---	23
24	---	---	2.23 B	1.93	0.034	0.007	0	0	0	0B	---	---	24
25	---	---	3.00 B	1.78	0.003	0.004	0	0	0	0B	---	---	25
26	---	0B	4.00 B	1.78	0.003	0.003	0	0	0	0B	---	---	26
27	---	0B	4.33 B	1.68	0.005	0.004	0	0	0	0B	---	---	27
28	---	0B	4.43 B	1.68	0.017	0.005	0	0	0	0B	---	---	28
29	---		3.91 B	1.69	0.004	0.002	0	0	0	0B	---	---	29
30	---		3.39 B	1.90	0.110	0.001	0	0	0	0B	---	---	30
31	---		3.91 B		0.188		0	0		0B		---	31
TOTAL	---	---	39.133	152.04	22.712	4.827	0	0	0	0	---	---	TOTAL
MEAN	---	---	1.26	5.10	0.733	0.184	0	0	0	0	---	---	MEAN
MAX	---	---	4.43	11.1	1.77	0.350	0	0	0	0	---	---	MAX
MIN	---	---	0	1.78	0.003	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.898
MAXIMUM DAILY, 11.19 ON APR 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
11.9 AT 14:00 MST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 27 54 N
LONG 112 03 53 W
DRAINAGE AREA, 1 890 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	3 300	SEP	0
APR	13 300	OCT	0
MAY	1 900	NOV	---
JUN	490	DEC	---

TOTAL DISCHARGE, 19 000 dam³

VERMILION RIVER TRIBUTARY NEAR BRUCE - STATION NO 05EE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.28 B	0.045	0.001E	0	0	0	0	0	---	1
2	---	---	0 B	1.23 B	0.037	0.001E	0	0	0	0	0	---	2
3	---	---	0 B	1.12	0.036	0.001E	0	0	0	0	0	---	3
4	---	---	0 B	0.963	0.033	0.001E	0	0	0	0	0	---	4
5	---	---	0 B	0.922	0.030	0.001E	0	0	0	0	0	---	5
6	---	---	B B	B.836	0.026	0.001E	0	0	0	0	---	---	6
7	---	---	0 B	B.803	0.024	0.001E	0	0	0	0	---	---	7
8	---	---	B B	B.773	0.022	0.004	0	0	0	0	---	---	8
9	---	---	B B	B.822	0.024	0.004	0	0	0	0	---	---	9
10	---	---	B 0.018	B.947	0.024	0.004	0	0	0	0	---	---	10
11	---	---	0.0018	0.332	0.021	0.003	0	B	B	0	---	---	11
12	---	---	0.0018	0.267	0.023	0.002	0	B	B	0	---	---	12
13	---	---	0.0018	0.213	0.018	0.002	0	B	B	0	---	---	13
14	---	---	0.0018	0.157	0.031	0.001	0	B	B	0	---	---	14
15	---	---	0.0018	0.109	0.063	0	0	B	B	0	---	---	15
16	---	---	0.0018	0.081	0.017	0	B	0	0	0	---	---	16
17	---	---	0.0028	0.061	0.012	0	B	0	0	0	---	---	17
18	---	---	0.0038	0.052	0.009	0	B	0	0	0	---	---	18
19	---	---	0.0038	0.046	0.006	0	B	0	0	0	---	---	19
20	---	---	0.0048	0.049	0.007	0	B	0	0	0	---	---	20
21	---	---	0.0068	0.078	0.005	B	B	0	B	B	---	---	21
22	---	---	0.0068	0.057	0.004	B	B	0	B	B	---	---	22
23	---	---	0.0208	0.057	0.002	B	B	0	B	B	---	---	23
24	---	---	0.0608	0.063	0.001	B	B	0	B	B	---	---	24
25	---	---	0.1308	0.149	0.001E	B	B	0	B	B	---	---	25
26	---	OB	0.3008	0.170	0.001E	0	0	0	0	0	---	---	26
27	---	OB	0.4268	0.132	0.001E	0	0	0	0	0	---	---	27
28	---	OB	0.3008	0.098	0.001E	0	0	0	0	0	---	---	28
29	---		0.2008	0.071	0.001E	0	0	0	0	0	---	---	29
30	---		0.1858	0.054	0.001E	0	0	0	0	0	---	---	30
31	---		0.4008		0.001E		0	0		0		---	31
TOTAL	---	---	2.036	11.497	0.526	0.027	0	0	0	B	---	---	TOTAL
MEAN	---	---	B.066	0.380	0.017	0.001	0	0	0	B	---	---	MEAN
MAX	---	---	0.426	1.28	0.063	0.004	0	0	0	B	---	---	MAX
MIN	---	---	B	0.046	0.001	0	0	0	0	B	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.057
MAXIMUM DAILY, 1.28B ON APR 1
MINIMUM DAILY, OB ON MAR 1
MAXIMUM INSTANTANEOUS,
1.38B AT 00:00 MST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 17 42 N
LONG 113 02 54 W
DRAINAGE AREA, 46.9 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	178	SEP	0
APR	986	OCT	0
MAY	45.4	NOV	---
JUN	2.33	DEC	---

TOTAL DISCHARGE, 1 210 dam³

VIXEN CREEK NEAR BELLAY - STATION NO 07FB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.11 B	0	0	0	0	0	0	---	---	1
2	---	---	---	1.52 B	0	0	0	0	0	0	---	---	2
3	---	---	---	1.30 B	0	0	0	0	0	0	---	---	3
4	---	---	---	1.08 B	0	0	0	0	0	0	---	---	4
5	---	---	---	0.8829	0	0	0	0	0	0	---	---	5
6	---	---	---	0.5979	0	0	0	0	0	0	---	---	6
7	---	---	---	0.5439	0.017	0	0	0	0	0	---	---	7
8	---	---	---	0.5429	0.004	0	0	0	0	0	---	---	8
9	---	---	---	0.6239	0.035	0	0	0	0	0	---	---	9
10	---	---	---	0.4569	0.017	0	0	0	0	0	---	---	10
11	---	---	---	0.3869	0.001	0	0	0	0	0	---	---	11
12	---	---	---	0.2979	0.007	0	0	0	0	0	---	---	12
13	---	---	---	0.191	0.368	0	0	0	0	0	---	---	13
14	---	---	---	0.212	0.078	0	0	0	0	0	---	---	14
15	---	---	---	0.272	0.024	0	0	0	0	0	---	---	15
16	---	---	---	0.223	0.028	0	0	0	0	0	---	---	16
17	---	---	---	0.139	0.033	0	0	0	0	0	---	---	17
18	---	---	---	0.112	0.001	0	0	0	0	0	---	---	18
19	---	---	---	0.077	0	0	0	0	0	0	---	---	19
20	---	---	---	0.030	0	0	0	0	0	0	---	---	20
21	---	---	---	0.136	0	0	0	0	0	0	---	---	21
22	---	---	---	0.007	0	0	0	0	0	0	---	---	22
23	---	---	---	0.001	0	0	0	0	0	0	---	---	23
24	---	---	---	0	0	0	0	0	0	0	---	---	24
25	---	---	---	0	0	0	0	0	0	0	---	---	25
26	---	---	1.32 B	0	0	0	0	0	0	0	---	---	26
27	---	---	1.03 B	0	0	0	0	0	0	0	---	---	27
28	---	---	0.8869	0	0	0	0	0	0	OB	---	---	28
29	---		0.4819	0	0	0	0	0	0	OB	---	---	29
30	---		0.3679	0	0	0	0	0	0	OB	---	---	30
31	---		0.5639		0		0	0		OB		---	31
TOTAL	---	---	---	10.497	0.806	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.350	0.020	0	0	0	0	0	---	---	MEAN
MAX	---	---	---	1.52	0.368	0	0	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.52B ON APR 2
MINIMUM DAILY, 0 ON APR 24
MAXIMUM INSTANTANEOUS,
2.01 AT 15:22 MST ON MAY 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 46 30 N
LONG 118 09 30 W
DRAINAGE AREA, 125 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0
APR	907	OCT	0
MAY	53.6	NOV	---
JUN	0	DEC	---

WABAMUN CREEK NEAR DUFFIELD - STATION NO 05DE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0208	1.84 B	0.723	0.093	0.047	0.022	0.080	0.140	0.1188	---	1
2	---	---	0.0158	3.07 B	0.771	0.077	0.036	0.017	0.128	0.123	0.1158	---	2
3	---	---	0.0158	4.25 B	0.706	0.075	0.028	0.016	0.107	0.121	0.1128	---	3
4	---	---	0.0108	2.44 B	0.683	0.068	0.027	0.078	0.081	0.130	0.1108	---	4
5	---	---	0.0108	1.53 B	0.628	0.085	0.0188	0.013	0.104	0.180	0.1078	---	5
6	---	---	0.0058	1.84 B	0.565	0.078	0.0208	0.013	0.130	0.185	---	---	6
7	---	---	0.0108	2.14 B	0.613	0.078	0.0238	0.025	0.158	0.371	---	---	7
8	---	---	0.0158	1.80 B	0.311	0.068	0.0258	0.153	0.161	0.187	---	---	8
9	---	---	0.0208	1.61 B	0.273	0.059	0.0288	0.157	0.185	0.195	---	---	9
10	---	---	0.0258	1.01 B	0.248	0.050	0.0308	0.130	0.148	0.184	---	---	10
11	---	---	0.0358	0.5318	0.248	0.038	0.033E	0.088	0.102	0.113	---	---	11
12	---	---	0.0508	1.24	0.307	0.034	0.036A	0.087	0.079	0.111	---	---	12
13	---	---	0.0858	1.08	0.258	0.240	0.038	0.097	0.156	0.183	---	---	13
14	---	---	0.0758	0.891	0.193	0.033	0.036	0.128	0.152	0.187	---	---	14
15	---	---	0.0908	0.805	0.173	0.054	0.030	0.488	0.138	0.283	---	---	15
16	---	---	0.1088	0.732	0.288	0.038	0.037	0.458	0.121	0.239	---	---	16
17	---	---	0.1308	0.677	0.184	0.032	0.088	0.278	0.115	0.213	---	---	17
18	---	---	0.1808	0.571	0.150	0.030	0.113	0.173	0.130	0.212	---	---	18
19	---	---	0.1958	0.494	0.107	0.019	0.055	0.150	0.148	0.163	---	---	19
20	---	---	0.2508	0.443	0.080	0.018	0.042	0.179	0.126	0.140	---	---	20
21	---	---	0.3348	0.460	0.079	0.020	0.039	0.215	0.138	0.139	---	---	21
22	---	---	0.5138	0.417	0.088	0.024	0.035	0.240	0.223	0.146	---	---	22
23	---	---	0.5018	0.609	0.073	0.045	0.029	0.302	0.211	0.1428	---	---	23
24	---	---	0.4588	0.851	0.070	0.401	0.024	0.133	0.213	0.1408	---	---	24
25	---	---	0.4588	1.18	0.075	0.801	0.027	0.135	0.192	0.1378	---	---	25
26	---	---	0.4588	1.27	0.080	0.305	0.024	0.125	0.184	0.1348	---	---	26
27	---	---	0.4748	1.23	0.078	0.181	0.020	0.128	0.183	0.1318	---	---	27
28	---	0.0218	0.4818	1.06	0.076	0.088	0.017	0.135	0.208	0.1288	---	---	28
29	---		0.3938	0.852	0.080	0.077	0.018	0.115	0.173	0.1268	---	---	29
30	---		0.5408	0.850	0.153	0.068	0.020	0.171	0.184	0.1238	---	---	30
31	---		0.5778		0.126		0.033	0.087		0.1218			31
TOTAL	---	---	5.785	37.373	6.443	3.058	1.058	4.338	4.441	4.850	---	---	TOTAL
MEAN	---	---	0.218	1.25	0.272	0.102	0.034	0.140	0.148	0.155	---	---	MEAN
MAX	---	---	0.677	4.25	0.771	0.801	0.113	0.488	0.223	0.371	---	---	MAX
MIN	---	---	0.005	0.417	0.069	0.018	0.017	0.013	0.079	0.105	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.287
MAXIMUM DAILY, 4.250 ON APR 3
MINIMUM DAILY, 0.0058 ON MAR 6
MAXIMUM INSTANTANEOUS,
5.150 AT 05:00 MST ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 27 43 N
LONG 114 22 00 W
DRAINAGE AREA, 513 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	91.4
FEB	---	AUG	379
MAR	996	SEP	384
APR 3 230		OCT	419
MAY	739	NOV	---
JUN	295	DEC	---

TOTAL DISCHARGE, 5 040 dam³

WABAMUN LAKE AT WABAMUN - STATION NO 05DE002

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	724.909	---	---	724.579	---	---	---	---	---	1
2	---	---	---	724.571	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	724.490	---	---	724.490	3
4	---	724.494	724.518	---	---	724.509	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	724.490	---	5
6	---	---	---	---	---	---	724.510	---	---	---	724.456	---	6
7	724.479	---	---	---	724.539	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	724.490	---	---	8
9	---	---	---	724.519	---	---	724.570	---	---	724.486	---	---	9
10	724.494	---	---	724.909	---	724.589	---	---	724.470	---	---	724.490	10
11	---	724.506	724.509	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	724.488	---	724.490	---	12
13	---	---	---	---	---	---	---	724.490	---	---	---	---	13
14	724.479	---	---	---	724.548	---	---	724.494	---	---	---	---	14
15	---	---	---	724.519	---	---	724.570	---	---	724.480	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	724.557	---	724.480	---	---	724.490	17
18	---	724.497	724.529	---	---	724.559	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	724.450	---	19
20	---	---	---	---	724.520	---	---	724.500	---	---	---	---	20
21	724.479	---	724.541	---	---	---	---	---	---	---	---	---	21
22	---	---	---	724.568	---	---	---	---	---	724.470	---	---	22
23	---	---	---	---	---	---	724.570	---	---	---	---	---	23
24	---	---	---	724.551	---	---	---	---	724.490	---	---	724.490	24
25	---	724.518	724.538	---	---	724.588	---	---	---	---	---	---	25
26	---	---	---	---	---	724.597	---	---	---	---	724.446	---	26
27	---	---	---	---	---	---	---	724.490	---	---	---	---	27
28	724.508	724.510	---	---	724.529	---	---	---	---	---	---	---	28
29	724.498		---	724.539	724.535	---	724.530	---	---	724.480	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---	---	---	---	---	---	724.470	---	---	724.490	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 33 24 N
LONG 114 35 36 W

REGULATED

DRAINAGE AREA,
355 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -601.500 m ADJUSTMENT TO CONVERT TO CANADIAN NATIONAL RAILWAYS DATUM

WABASCA RIVER AT WADLIN LAKE ROAD - STATION NO 07JD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.48	17.88	15.18	22.68	259	159	42.6	21.5E	16.0	42.5	44.78	16.38	1
2	20.28	17.48	14.98	23.38	283	155	40.2	23.0E	14.7	42.7	36.78	15.78	2
3	20.18	17.18	15.08	22.48	310	150	39.6	23.9E	14.2	42.4	37.68	15.68	3
4	19.88	16.68	15.08	22.68	372	144	39.7	23.6E	14.3	41.6	31.78	15.38	4
5	19.38	16.38	15.08	23.78	466	136	37.7	23.4E	14.3	42.1	29.48	14.98	5
6	18.88	15.28	15.28	24.88	561	129	34.2	23.2E	15.0	42.1	40.88	14.58	6
7	18.68	14.48	15.58	26.48	619	122	32.1	23.0E	15.5	43.4	42.88	14.58	7
8	18.58	14.58	15.98	28.38	636	115	29.2	23.3A	15.5	44.7	35.98	14.48	8
9	18.68	14.68	16.18	29.28	598	109	26.6	21.7A	15.5	46.0	33.88	14.38	9
10	18.88	14.68	16.38	32.48	549	104	27.4	21.6A	15.4	44.5	37.18	13.98	10
11	19.08	15.08	16.18	34.88	505	98.8	25.5	21.3A	14.6	43.0	36.78	13.38	11
12	19.08	14.88	16.08	40.28	466	92.8	25.2	20.1A	14.3	45.0	34.88	13.28	12
13	18.88	14.98	15.98	58.38	436	88.5	24.4	17.5A	13.9	53.6	31.48	13.38	13
14	18.18	14.88	16.08	80.08	414	83.0	24.4	16.7A	14.7	59.7	34.18	13.68	14
15	17.98	14.58	15.98	80.48	398	78.4	22.9	17.2A	15.9	62.8	31.78	14.08	15
16	17.78	14.38	15.88	87.48	370	73.1	23.3	15.4A	18.4	65.0	31.68	14.58	16
17	17.98	14.28	16.78	121.9	348	68.9	21.9	15.9A	21.1	65.7	34.38	14.98	17
18	17.98	14.08	15.58	160.0	328	65.2	21.6	15.8A	23.8	66.5	33.78	14.28	18
19	17.88	13.68	15.68	180.0	309	62.0	20.8	19.3A	26.9	66.3	32.68	14.28	19
20	18.18	13.38	17.28	175.0	291	58.5	20.7	19.5A	28.7	64.8	29.68	14.28	20
21	18.48	13.48	17.78	168.0	276	55.0	20.2	19.3	26.8	62.6	26.58	14.28	21
22	18.38	13.48	19.28	163	267	54.1	19.8	13.5	27.4	62.8	23.68	14.38	22
23	17.88	13.98	20.28	144	241	53.8	19.9A	13.0	28.2	62.7	21.28	14.38	23
24	17.58	14.08	21.08	166	227	52.5	19.8E	12.7	28.7	58.6	18.48	13.88	24
25	17.38	14.38	21.78	163	213	51.4	19.8E	13.1	29.6	52.38	18.18	13.68	25
26	17.28	14.78	21.68	173.0	200	48.6	19.7E	13.2	34.1	51.08	17.98	13.48	26
27	17.28	15.08	21.68	191.0	190	46.5	19.6E	12.7	37.6	53.38	17.78	13.18	27
28	17.48	15.18	20.68	220	180	48.4	19.5E	13.0	41.7	48.88	17.78	12.48	28
29	17.38		21.48	221	173	46.2	19.6E	14.1	43.2	43.38	17.28	12.88	29
30	17.28		21.88	240	165	45.0	19.8E	15.1	45.1	49.88	16.58	14.28	30
31	17.48		21.98		162		20.2E	15.6		45.88		14.38	31
TOTAL	580.5	416.4	542.6	3 110.9	10 798	2 594.5	799.9	551.9	884.4	1 620.3	911.0	440.5	TOTAL
MEAN	18.7	14.9	17.5	104	348	86.5	25.8	17.8	22.8	52.3	30.4	14.2	MEAN
MAX	20.4	17.5	21.9	240	636	159	42.6	23.5	45.1	66.5	44.7	15.3	MAX
MIN	17.2	13.3	14.9	22.4	162	45.0	19.5	12.7	13.9	41.6	16.5	13.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 63.1
MAXIMUM DAILY, 636 ON MAY 8
MINIMUM DAILY, 12.7 ON AUG 24
MAXIMUM INSTANTANEOUS,
641 AT 06:30 MST ON MAY 8

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 52 30 N
LONG 115 23 20 W
DRAINAGE AREA, 35 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	49 100	JUL	69 100
FEB	36 000	AUG	47 700
MAR	47 000	SEP	59 100
APR	269 000	OCT	140 000
MAY	933 000	NOV	79 700
JUN	224 000	DEC	38 100

TOTAL DISCHARGE, 1 896 000 dam³

WABASCA RIVER BELOW TROUT RIVER - STATION NO 07JB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.6B	11.6B	11.3B	16.7B	63.0	72.9	18.4	9.75	7.29	11.2	21.4B	9.88B	1
2	15.0B	12.2B	11.3B	17.4B	65.3	70.0	16.8	9.56	7.29	11.2	20.5B	9.68B	2
3	15.4B	12.3B	11.3B	17.7B	64.5	67.1	16.4	9.30	7.87	11.3	19.6B	9.74B	3
4	15.5B	12.2B	11.2B	18.2B	70.4	64.7	17.4	9.30	7.56	11.2	19.0B	9.74B	4
5	15.6B	12.3B	11.1B	19.8B	81.5	61.8	18.6	9.37	7.07	11.5	19.3B	9.83B	5
6	15.7B	12.1B	11.1B	20.9B	86.8	59.0	19.8	9.34	7.16	11.4	20.2B	10.1B	6
7	15.6B	11.9B	11.1B	22.5B	92.0	55.7	19.4	9.09	7.39	11.5	18.6B	10.2B	7
8	15.3B	11.3B	11.2B	26.1B	86.5	53.4	14.9	8.80	7.66	12.0	18.2B	10.5B	8
9	15.2B	11.0B	11.3B	28.1B	101	49.6	14.5	8.61	7.76	12.7	18.7B	10.8B	9
10	14.6B	10.4B	11.6B	33.1B	100	46.0	13.9	8.49	7.82	12.9	18.7B	10.3B	10
11	14.5B	9.99B	11.8B	31.1B	100	45.7	13.3	8.56	7.85	12.7	17.6B	10.2B	11
13	14.5B	9.79B	11.5B	29.4	114	43.8	13.4	8.60	7.76	13.7	16.4B	9.84B	12
13	14.7B	9.71B	12.3B	29.3	116	40.5	13.1	8.35	7.62	14.2	16.0B	9.72B	13
14	14.7B	9.73B	12.6B	32.1	116	38.3	12.7	8.23	8.12	14.7	17.5B	9.70B	14
15	14.5B	9.93B	13.5B	34.0	115	36.1	12.5	8.10	8.65	15.2	17.1B	9.63B	15
16	14.0B	10.1B	14.9B	35.7	116	34.2	12.0	7.92	9.06	15.0	16.6B	9.58B	16
17	14.7B	10.1B	16.2B	37.6	112	31.9	11.5	7.75	9.05	16.7	15.4B	9.63B	17
18	14.3B	10.3B	16.9B	41.3	110	30.3	11.3	7.74	8.86	17.6	15.3B	9.78B	18
19	14.1B	10.6B	16.9B	41.2	108	29.5	10.9	7.80	8.94	17.6	14.1B	10.1B	19
20	14.0B	10.7B	16.7B	41.5	103	29.4	10.7	7.85	9.16	18.0	12.8B	10.2B	20
21	14.0B	10.7B	16.4B	41.4	103	26.8	10.7	7.38	9.38	18.2	12.3B	10.3B	21
22	14.1B	10.8B	16.0B	42.0	100	24.3	10.8	7.34	9.07	18.4	11.9B	10.4B	22
23	14.6B	10.6B	16.0B	43.2	96.0	23.6	10.3	7.30	9.09	19.1	11.5B	10.6B	23
24	14.7B	10.7B	15.9B	45.0	93.5	22.3	9.87	7.30	8.82	19.6	10.9B	10.4B	24
25	14.8B	10.6B	15.6B	46.2	90.5	22.0	10.1	7.86	10.4	20.3	10.3B	10.5B	25
26	15.0B	10.7B	15.5B	52.6	87.8	23.0	11.1	8.00	10.2	20.7	9.98B	10.9B	26
27	14.8B	10.8B	15.5B	56.6	86.4	22.0	11.2	7.85	9.84	20.8	9.70B	10.2B	27
28	14.8B	11.1B	15.3B	59.7	82.1	21.5	10.8	7.61	10.6	21.0	9.58B	10.1B	28
29	13.4B		14.8B	60.5	79.0	20.6	10.7	7.37	11.1	20.7	9.63B	10.0B	29
30	13.3B		15.3B	61.0	77.3	20.1	10.4	7.39	11.3	20.2	9.60B	9.83B	30
31	11.9B		15.9B		74.8		10.0	7.61		21.2		9.82B	31
TOTAL	493.2	306.1B	426.9	1 006.5	2 924.2	1 179.6	402.17	254.46	261.10	493.8	496.78	311.48	TOTAL
MEAN	14.8	10.9	13.8	36.2	94.3	39.3	13.0	8.21	8.70	15.9	15.3	10.0	MEAN
MAX	15.7	12.3	16.9	61.0	116	72.9	19.4	9.75	11.3	21.2	21.4	10.5	MAX
MIN	11.9	9.71	11.1	16.7	63.0	20.1	8.87	7.30	7.16	11.2	9.58	9.53	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.6
MAXIMUM DAILY, 116 ON MAY 13
MINIMUM DAILY, 7.16 ON SEP 6
MAXIMUM INSTANTANEOUS,
117 AT 17:30 MST ON MAY 13

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 19 27 N
LONG 113 47 10 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	39 200	JUL	24 700
FEB	26 200	AUG	23 000
MAR	36 500	SEP	23 000
APR	83 700	OCT	42 700
MAY	252 000	NOV	39 800
JUN	102 000	DEC	26 000

TOTAL DISCHARGE, 716 800 dam³

WABASH CREEK NEAR PISBROCH - STATION NO 07BC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	12.7 B	1.11	0.027	0.020	0.001	0.001	0.002	---	---	1
2	---	---	0 B	10.7	0.884	0.032	0.017	0.001	0.001	0.002	---	---	2
3	---	---	0 B	21.9 A	0.851	0.049	0.012	0.001	0.001	0.002	---	---	3
4	---	---	0 B	19.8	0.500	0.043	0.007	0.001	0.001	0.002	---	---	4
5	---	---	0 B	14.5	0.183	0.036	0.004	0.001	0.001	0.002	---	---	5
6	---	---	0 B	9.33	0.071	0.026	0.003	0.001	0.001	0.001	---	---	6
7	---	---	0 B	7.26 A	0.045	0.021	0.002	0.001	0.001	0.001	---	---	7
8	---	---	0 B	6.38	0.036	0.023	0.001	0.003	0.001	0.001	---	---	8
9	---	---	0 B	5.61	0.047	0.023	0.001	0.002	0.001	0.001	---	---	9
10	---	---	0 B	4.59	0.001	0.023	0.001	0.001	0.001	0.001	---	---	10
11	---	---	0 B	3.94	0.002	0.021	0.001	0.001	0.001	0.001	---	---	11
12	---	---	0 B	3.40	0.002	0.018	0.001	0.001	0.001	0.001	---	---	12
13	---	---	0 B	2.95	0.002	0.021	0.001	0.001	0.002	0.001	---	---	13
14	---	---	0 B	2.53	0.002	0.021	0.001	0.001	0.003	0.003	---	---	14
15	---	---	0 0048	2.09	0.002	0.020	0.001	0.002	0.003	0.007	---	---	15
16	---	---	0 0038	1.78	0.002	0.017	0.002	0.003	0.003	0.011	---	---	16
17	---	---	0 0030	1.46	0.004	0.013	0.004	0.002	0.003	0.010	---	---	17
18	---	---	0 0218	1.20	0.010	0.008	0.005	0.001	0.003	0.010	---	---	18
19	---	---	0 0180	1.04	0.030	0.007	0.005	0.001	0.003	0.020	---	---	19
20	---	---	0 0150	1.30	0.035	0.005	0.004	0.002	0.003	0.019	---	---	20
21	---	---	0 0400	1.16	0.011	0.004	0.003	0.004	0.003	0.181	---	---	21
22	---	---	0 0650	0.970	0.005	0.004	0.003	0.004	0.003	0.314	---	---	22
23	---	---	0 1210	1.04	0.004	0.004	0.003	0.003	0.003	0.194	---	---	23
24	---	---	0 2110	1.02	0.013	0.015	0.003	0.002	0.003	0.141	---	---	24
25	---	---	0 6430	1.04	0.017	0.058	0.004	0.002	0.003	0.136	---	---	25
26	---	---	3 11 B	1.30	0.035	0.032	0.003	0.001	0.003	0.087	---	---	26
27	---	---	3 86 B	1.49	0.025	0.031	0.002	0.001	0.003	0.060	---	---	27
28	---	---	5 01 B	1.93	0.033	0.028	0.002	0.001	0.003	0.1008	---	---	28
29	---	---	5 38 B	1.67	0.028	0.035	0.001	0.001	0.003	0.1008	---	---	29
30	---	---	7 08 B	1.34	0.054	0.033	0.001	0.001	0.003	0.0988	---	---	30
31	---		9 72 B		0.049		0.001	0.001		0.0988		---	31
TOTAL	---	---	34.606	155.030	3.746	0.883	0.118	0.049	0.058	1.553	---	---	TOTAL
MEAN	---	---	1.11	5.22	0.122	0.032	0.004	0.002	0.002	0.050	---	---	MEAN
MAX	---	---	9.73	21.9	1.11	0.058	0.020	0.004	0.003	0.314	---	---	MAX
MIN	---	---	0	0.970	0.001	0.004	0.001	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.805
MAXIMUM DAILY, 21.9A ON APR 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
22.4 AT 17:25 MST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 27 N
LONG 113 55 24 W
DRAINAGE AREA, 339 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10.3
FEB	---	AUG	4.33
MAR	2 870	SEP	5.01
APR	13 500	OCT	135
MAY	337	NOV	---
JUN	99.0	DEC	---

TOTAL DISCHARGE, 17 000 dam³

WAINSCOTT COULEE NEAR BROWNVALE - STATION NO. 07FD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.15 B	0.052	0.008	0.0032E	0	0	0	---	---	1
2	---	---	0 B	1.37 B	0.050	0.008	0.0018E	0	0	0	---	---	2
3	---	---	0 B	1.10 B	0.051	0.006	0.0018E	0	0	0	---	---	3
4	---	---	0 B	0.8818	0.050	0.005	0	0	0	0	---	---	4
5	---	---	0 B	1.20 B	0.048	0.004	0	0	0	0	---	---	5
6	---	---	0 B	1.40 B	0.042	0.004	0	0	0	0	---	---	6
7	---	---	0 B	3.25 B	0.040	0.004	0	0	0	0	---	---	7
8	---	---	0 B	3.00 B	0.039	0.005	0	0	0	0	---	---	8
9	---	---	0 B	3.15 B	0.038	0.005	0	0	0	0	---	---	9
10	---	---	0 B	1.99 B	0.037	0.005	0	0	0	0	---	---	10
11	---	---	0 B	1.19	0.038	0.005	0	0	0	0	---	---	11
12	---	---	0 B	0.950	0.033	0.005A	0	0	0	0	---	---	12
13	---	---	0 B	0.949	0.032	0.005E	0	0	0	0	---	---	13
14	---	---	0 B	0.751	0.033	0.004E	0	0	0	0.008	---	---	14
15	---	---	0 B	0.385	0.032	0.004E	0	0	0	0.039	---	---	15
16	---	---	0 B	0.285	0.032	0.003E	0	0	0	0.042	---	---	16
17	---	---	0 B	0.287	0.033	0.003A	0	0	0	0.043	---	---	17
18	---	---	0 B	0.285	0.034	0.003E	0	0	0	0.044	---	---	18
19	---	---	0.0018	0.318	0.033	0.003E	0	0	0	0.045	---	---	19
20	---	---	0.0029	0.185	0.032	0.003E	0	0	0	0.048	---	---	20
21	---	---	0.0019	0.155	0.030	0.003E	0	0	0	0.049	---	---	21
22	---	---	0 B	0.133	0.028	0.003E	0	0	0	0.051	---	---	22
23	---	---	0 B	0.106	0.027	0.003E	0	0	0	0.052	---	---	23
24	---	---	0 B	0.080	0.024	0.003E	0	0	0	0.049	---	---	24
25	---	---	0 B	0.078	0.019	0.003E	0	0	0	0.053	---	---	25
26	---	---	0 B	0.081	0.017	0.003E	0	0	0	0.0368	---	---	26
27	---	---	0 B	0.078	0.013	0.003E	0	0	0	0.0358	---	---	27
28	---	0B	0 B	0.070	0.013	0.003E	0	0	0	0.0388	---	---	28
29	---		0.0018	0.068	0.013	0.003E	0	0	0	0.0408	---	---	29
30	---		0.0028	0.066	0.013	0.003E	0	0	0	0.0438	---	---	30
31	---		0.0009		0.011		0	0		0.0448		---	31
TOTAL	---	---	0.451	23.885	0.881	0.137	0.004	0	0	0.748	---	---	TOTAL
MEAN	---	---	0.015	0.768	0.033	0.005	0	0	0	0.024	---	---	MEAN
MAX	---	---	0.040	3.00	0.058	0.008	0.002	0	0	0.053	---	---	MAX
MIN	---	---	0	0.066	0.011	0.003	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.102
MAXIMUM DAILY, 3.00B ON APR 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.47 ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 01 37 N
LONG 117 55 03 W
DRAINAGE AREA, 149 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.35
FEB	---	AUG	0
MAR	33.6	SEP	0
APR	1 950	OCT	84.6
MAY	84.6	NOV	---
JUN	11.6	DEC	---

TOTAL DISCHARGE, 2 100 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARK

WAIPAROUS CREEK NEAR THE MOUTH - STATION NO. 05BG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1008	0.1308	0.0688	0.8508	2.84	2.61A	1.21	1.23	1.51	2.63	1.02 B	0.7708	1
2	0.0988	0.1258	0.0698	0.8508	2.97A	2.25A	1.11	1.10	2.24	2.44	0.9208	0.7808	2
3	0.0958	0.1238	0.0708	0.8408	3.81A	2.09A	1.05	1.13	1.91	2.27	0.8308	0.8058	3
4	0.0948	0.1208	0.0728	0.7508	3.81A	1.94A	1.01	1.05	1.87	2.04	0.7308	0.8208	4
5	0.0938	0.1128	0.0748	0.7708	3.28A	3.39A	0.982	1.00	2.01	2.01	0.6788	0.8108	5
6	0.0938	0.1008	0.0788	0.8308	1.65A	1.92A	0.944	0.963	2.69	1.86	0.6238	0.7908	6
7	0.0948	0.0908	0.0858	0.8508	1.67A	1.64A	0.916	0.932	2.34	1.85	0.6008	0.7708	7
8	0.0958	0.0708	0.0908	1.20 B	1.95A	3.15A	0.885	1.07	2.23	1.85	0.5758	0.7808	8
9	0.1008	0.0608	0.1008	1.40 B	1.95A	3.15A	0.856	1.10	2.23	1.89	0.5508	0.7708	9
10	0.1088	0.0588	0.1108	1.55 B	1.67A	2.39A	0.844	1.22	2.60	1.91	0.5558	0.7758	10
11	0.1108	0.0578	0.1308	1.55 B	1.38A	2.06A	0.821	1.44	3.47	1.91	0.5558	0.7808	11
12	0.1158	0.0588	0.1358	1.72 B	1.08A	2.06A	0.847	2.83	15.8	1.88	0.5008	0.7908	12
13	0.1208	0.0588	0.1608	1.58 B	1.19A	2.32A	1.13	3.85	25.3	1.78	0.4808	0.8008	13
14	0.1248	0.0598	0.1908	1.99 B	1.57A	3.04A	0.984	3.47	10.8	1.75	0.4008	0.8058	14
15	0.1238	0.0608	0.2358	1.31	1.39A	1.61A	0.846	4.81	6.84	1.77	0.3208	0.8008	15
16	0.1218	0.0608	0.2608	1.16	2.10A	1.61A	1.04	4.37	6.10	1.83	0.3108	0.7908	16
17	0.1198	0.0618	0.3108	1.33	2.61A	1.38A	1.58	4.48	5.67	1.82	0.3058	0.7808	17
18	0.1168	0.0628	0.3258	1.36	3.19A	1.38A	1.28	4.95	5.52	1.73	0.2758	0.7808	18
19	0.1148	0.0638	0.3358	0.936	3.61A	1.53A	1.13	4.77	5.33	1.83	0.2558	0.7508	19
20	0.1128	0.0638	0.3338	0.863	3.19A	2.21A	1.05	4.04	5.18	1.86	0.2408	0.7558	20
21	0.1118	0.0648	0.3308	0.857	2.63A	2.46	0.954	3.67	5.00	1.86	0.2308	0.7608	21
22	0.1108	0.0648	0.3258	0.833	2.64A	2.33	0.925	3.85	4.75	1.84	0.2208	0.7708	22
23	0.1158	0.0658	0.3178	0.831	2.39A	1.85	1.21	3.50	4.61	1.57	0.2108	0.7758	23
24	0.1308	0.0658	0.3108	0.810	2.63A	1.80	0.885	3.05	4.13	1.57 B	0.2008	0.7608	24
25	0.1308	0.0658	0.3058	0.884	4.67A	1.43	0.920	2.88	3.76	1.36 B	0.1868	0.7808	25
26	0.1388	0.0668	0.3008	0.990	4.33A	1.29	0.867	3.39	3.57	1.10 B	0.1708	0.7508	26
27	0.1448	0.0678	0.2958	0.938	3.59A	1.31	0.844	3.12	3.36	1.35 B	0.1608	0.6408	27
28	0.1438	0.0678	0.2928	0.894	3.68	1.22	0.827	2.84	2.89	1.10 B	0.1558	0.6108	28
29	0.1428		0.3008	1.90	3.08A	1.35	0.804	1.88	2.66	0.9158	0.1508	0.5608	29
30	0.1408		0.3908	2.61	3.61A	1.30	0.805	1.71	2.76	1.26 B	0.1658	0.5208	30
31	0.1358		0.5508		3.80A		1.18	1.61		1.13 B		0.5008	31
TOTAL	3.570	2.113	6.933	33.197	77.58	57.63	30.999	75.935	149.73	53.095	23.874	23.145	TOTAL
MEAN	0.115	0.075	0.224	1.11	2.50	1.92	1.00	2.45	4.99	1.71	0.782	0.747	MEAN
MAX	0.144	0.130	0.550	2.61	4.67	3.15	1.58	4.95	25.3	2.63	1.02	0.820	MAX
MIN	0.093	0.057	0.068	0.586	1.08	1.21	0.831	0.932	1.51	0.915	0.555	0.500	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.47
MAXIMUM DAILY, 25.3 ON SEP 13
MINIMUM DAILY, 0.0578 ON FEB 11
MAXIMUM INSTANTANEOUS,
43.4 AT 23:39 MST ON SEP 12

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 58 N
LONG 114 50 15 W
DRAINAGE AREA, 334 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	308	JUL	2 680
FEB	183	AUG	4 580
MAR	598	SEP	13 000
APR	2 870	OCT	4 590
MAY	6 700	NOV	1 980
JUN	4 970	DEC	2 000

TOTAL DISCHARGE, 45 300 dam³

WAMPUS CREEK NEAR HINTON - STATION NO. 07AF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.1078	0.400	0.691	0.416	0.091	0.286	0.358	---	---	1
2	---	---	---	0.5808	0.597	0.681	0.356	0.089	0.251	0.345	---	---	2
3	---	---	---	0.6008	0.610	0.492	0.306	0.093	0.246	0.331	---	---	3
4	---	---	---	0.4908	0.500	0.436	0.270	0.089	0.250	0.300	---	---	4
5	---	---	---	0.3608	0.370	0.416	0.245	0.087	0.477	0.295	---	---	5
6	---	---	---	0.2708	0.270	0.386	0.223	0.085	0.633	0.295	---	---	6
7	---	---	---	0.1858	0.230	0.374	0.208	0.127	0.436	0.2788	---	---	7
8	---	---	---	0.1808	0.226	0.494	0.196	0.722	0.403	0.4468	---	---	8
9	---	---	---	0.1978	0.224	0.360	0.178	0.436	0.648	0.3038	---	---	9
10	---	---	---	0.2038	0.204	0.330	0.166	0.348	0.724	0.255	---	---	10
11	---	---	---	0.2108	0.202	0.303	0.156	0.278	0.602	0.288	---	---	11
12	---	---	---	0.1868	0.193	0.278	0.174	0.930	1.18	0.270	---	---	12
13	---	---	---	0.2278	0.183	0.260	0.193	0.784	2.06	0.251	---	---	13
14	---	---	---	0.3038	0.184	0.265	0.180	0.800	1.47	0.235	---	---	14
15	---	---	---	0.3908	0.183	0.253	0.142	2.13	1.16	0.248	---	---	15
16	---	---	---	0.5008	0.177	0.230	0.135	1.61	0.906	0.247	---	---	16
17	---	---	---	0.1798	0.178	0.213	0.172	1.07	0.630	0.258	---	---	17
18	---	---	---	0.1588	0.183	0.200	0.139	0.805	0.768	0.252	---	---	18
19	---	---	---	0.1488	0.188	0.188	0.141	0.852	0.855	0.244	---	---	19
20	---	---	---	0.1188	0.183	0.184	0.138	1.13	0.979	0.260	---	---	20
21	---	---	---	0.1448	0.181	0.178	0.117	0.973	0.830	0.261	---	---	21
22	---	---	---	0.3738	0.178	0.217	0.114	0.700	0.811	0.260	---	---	22
23	---	---	---	0.1938	0.178	0.234	0.180	0.588	0.682	0.255	---	---	23
24	---	---	---	0.1208	0.178	1.30	0.205	0.610	0.951	0.2818	---	---	24
25	---	---	---	0.1108	0.487	1.77	0.187	0.490	0.907	0.2388	---	---	25
26	---	---	0.1108	0.1088	0.583	1.14	0.130	0.440	0.480	0.2218	---	---	26
27	---	---	0.1088	0.1208	0.495	0.823	0.108	0.378	0.484	0.3258	---	---	27
28	---	---	0.1088	0.105	0.478	0.688	0.103	0.348	0.448	0.2198	---	---	28
29	---		0.1088	0.139	0.730	0.572	0.118	0.317	0.404	0.1888	---	---	29
30	---		0.1078	0.300	0.831	0.462	0.104	0.301	0.384	0.1848	---	---	30
31	---		0.1078		0.884		0.087	0.305		0.1708	---	---	31
TOTAL	---	---	---	7.380	10.188	14.357	5.505	17.804	18.834	8.330	---	---	TOTAL
MEAN	---	---	---	0.243	0.328	0.479	0.178	0.585	0.951	0.288	---	---	MEAN
MAX	---	---	---	0.600	0.730	1.77	0.418	2.13	2.06	0.648	---	---	MAX
MIN	---	---	---	0.105	0.177	0.178	0.087	0.085	0.248	0.188	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.388
MAXIMUM DAILY, 2.13 ON AUG 15
MINIMUM DAILY, 0.085 ON AUG 8
MAXIMUM INSTANTANEOUS,
3.08 AT 13:00 MST ON AUG 15

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 23 N
LONG 117 15 40 W
DRAINAGE AREA, 28.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	478
FEB	---	AUG	1 510
MAR	---	SEP	1 890
APR	938	OCT	719
MAY	878	NOV	---
JUN	1 230	DEC	---

TOTAL DISCHARGE, 7 130 dam³

WANDERING RIVER NEAR WANDERING RIVER - STATION NO. 07CA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3750	0.1700	0.1570	0.3300	22.6	3.71	3.39	1.06	0.185	0.685	1.75	0.3570	1
2	0.3800	0.1660	0.1570	0.4040	23.5	3.38	3.31	1.10	0.168	0.636	1.70	0.3420	2
3	0.3650	0.1650	0.1570	0.4970	23.6	3.13	3.16	1.08	0.181	0.646	1.62	0.3250	3
4	0.3350	0.1640	0.1570	0.6010	23.8	2.87	2.85	1.03	0.168	0.759	1.57	0.3060	4
5	0.3260	0.1620	0.1570	0.750	23.3	2.84	2.67	0.976	0.260	1.01	1.51	0.3000	5
6	0.3150	0.1610	0.1570	0.888	23.4	2.71	2.39	0.845	0.199	0.978	1.46	0.2900	6
7	0.3050	0.1610	0.1570	0.851	25.0	2.61	2.17	0.770	0.173	1.02	1.40	0.2780	7
8	0.2950	0.1600	0.1570	1.03	26.8	2.65	2.02	0.771	0.159	1.05	1.30	0.2710	8
9	0.2850	0.1590	0.1570	1.12	27.7	2.21	1.79	0.682	0.143	1.04	1.30	0.2590	9
10	0.2790	0.1580	0.1570	1.22	28.1	2.31	1.61	0.636	0.123	1.19	1.13 E	0.2450	10
11	0.2700	0.1580	0.1580	1.35	28.0	2.24	1.53	0.606	0.130	1.20	1.07 E	0.2400	11
12	0.2650	0.1580	0.1580	1.62	26.4	2.24	1.39	0.658	0.135	1.48	1.00 E	0.2360	12
13	0.2590	0.1570	0.1580	2.09	23.9	2.26	1.35	0.683	0.158	1.31	0.9360	0.2310	13
14	0.2600	0.1560	0.1580	3.01	21.6	2.17	1.14	0.606	0.167	1.33	0.8740	0.2270	14
15	0.2650	0.1550	0.1580	4.82	19.2	2.37	1.08	0.516	0.177	1.37	0.8180	0.2220	15
16	0.2380	0.1550	0.1590	7.47	17.1	2.41	1.03	0.636	0.250	1.45	0.7950	0.2170	16
17	0.2350	0.1560	0.1590	10.2	15.3	2.13	0.930	0.388	0.294	1.53	0.7420	0.2130	17
18	0.2380	0.1560	0.1580	12.3	13.6	2.01	0.851	0.327	0.188	1.62	0.6990	0.2100	18
19	0.2260	0.1590	0.1600	13.7	11.8	2.10	0.780	0.319	0.185	1.55	0.6630	0.2060	19
20	0.2300	0.1590	0.1650	14.8	10.8	2.17	0.681	0.421	0.188	1.73	0.6230	0.2030	20
21	0.2180	0.1590	0.1800	15.0	9.71	1.97	0.635	0.382	0.267	1.74	0.5920	0.2020	21
22	0.2150	0.1580	0.2000	14.0	8.87	1.86	0.667	0.327	0.287	1.61	0.5670	0.2020	22
23	0.2060	0.1580	0.2050	12.7	7.85	1.81	0.584	0.313	0.238	1.93	0.5320	0.1980	23
24	0.2050	0.1580	0.2080	11.6	6.95	2.11	0.611	0.267	0.249	1.91	0.4900	0.1940	24
25	0.2000	0.1580	0.2160	11.0	6.43	2.37	0.576	0.345	0.295	2.09	0.4720	0.1890	25
26	0.1950	0.1570	0.2300	11.0	5.76	2.30	0.603	0.273	0.560	1.85	0.4450	0.1830	26
27	0.1900	0.1570	0.2350	12.6	5.27	2.34	0.902	0.217	0.411	1.86	0.4260	0.1780	27
28	0.1810	0.1570	0.2800	15.1	4.90	2.71	0.964	0.198	0.390	2.06	0.4130	0.1750	28
29	0.1800		0.2650	16.0	4.57	3.13	1.01	0.170	0.420	1.93	0.4000	0.1720	29
30	0.1750		0.2800	20.7	4.25	3.32	1.06	0.181	0.495	1.78	0.3770	0.1680	30
31	0.1730		0.3000		4.03		1.08	0.185		1.81		0.1650	31
TOTAL	7.795	4.472	5.715	221.182	504.12	74.38	44.790	16.548	7.388	44.534	27.570	7.208	TOTAL
MEAN	0.252	0.160	0.184	7.37	16.3	2.48	1.44	0.534	0.263	1.44	0.919	0.233	MEAN
MAX	0.375	0.170	0.300	28.7	28.1	3.71	3.39	1.10	0.560	2.09	1.75	0.357	MAX
MIN	0.173	0.157	0.157	0.330	4.02	1.81	0.584	0.170	0.130	0.585	0.377	0.165	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.65
MAXIMUM DAILY, 28.1 ON MAY 10
MINIMUM DAILY, 0.130 ON SEP 11
MAXIMUM INSTANTANEOUS,
28.6 AT 15:26 MST ON MAY 11

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 11 07 N
LONG 112 27 58 W
DRAINAGE AREA, 1 110 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	674	JUL	3 870
FEB	386	AUG	1 430
MAR	494	SEP	630
APR	19 100	OCT	3 850
MAY	43 500	NOV	2 360
JUN	6 430	DEC	623

TOTAL DISCHARGE, 83 500 dam³

WAPITI RIVER NEAR GRANDE PRAIRIE - STATION NO. 07GE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.60	10.6 B	10.60	17.00	36.9	348	267 A	50.0	39.5	133	62.7	17.40	1
2	14.60	10.3 B	11.20	18.40	41.1	334	239 A	52.3	38.6	123	51.2	17.20	2
3	15.60	10.1 B	11.80	18.70	56.4	320	202	53.0	38.9	113	48.1	16.80	3
4	15.10	10.4 B	11.80	18.30	95.3	336	167	54.0	39.0	104	43.4	17.60	4
5	15.10	10.6 B	11.80	18.80	108	332	176	57.5	44.7	94.7	37.7	18.20	5
6	15.00	10.6 B	11.70	18.00	99.9	307	189	55.9	52.7	89.2	33.4	18.20	6
7	15.10	10.6 B	12.10	17.00	91.7	283	151	54.6	55.5	86.6	30.30	18.20	7
8	15.30	10.4 B	11.80	16.70	90.5	263	133	56.9	59.3	80.2	28.40	18.20	8
9	14.70	10.4 B	11.50	17.00	84.7	238	127	76.2	52.4	68.6	26.90	18.00	9
10	14.60	10.5 B	11.40	17.80	105	194	126	76.2	51.0	72.1	24.30	18.00	10
11	13.80	10.5 B	11.30	18.90	110	188	134	68.7	53.5	73.5	21.00	18.00	11
12	13.70	10.5 B	11.10	23.30	102	181	117	61.4	51.4	80.8	19.30	18.20	12
13	13.60	10.3 B	10.80	24.20	91.5	183	111	58.1	51.8	83.1	21.00	18.70	13
14	13.60	10.1 B	11.00	31.00	88.6	187	98.7	77.8	221	86.1	24.10	18.80	14
15	13.60	10.3 B	11.10	56.30	87.1	208	89.1	74.0A	221	91.0	26.60	19.30	15
16	13.90	10.2 B	13.00	83.70	103	215A	83.6	66.0E	182	85.5	27.10	19.50	16
17	14.10	10.1 B	15.90	89.00	128	190E	80.0	124 E	184	88.8	28.00	19.90	17
18	13.80	10.0 B	20.40	74.9	192	181A	77.5	112 E	248	88.4	33.00	19.80	18
19	13.70	9.990	31.00	69.5	259	184	76.3	94.8E	225	83.9	19.80	20.80	19
20	14.10	9.930	28.80	63.3	281	216	75.5	81.8A	191	90.1	18.60	22.30	20
21	14.20	9.900	24.10	58.2	300	223	75.5	81.8	178	94.0	19.70	27.20	21
22	13.60	9.950	21.30	50.1	324	193	76.5	80.2	207	91.5	19.40	27.60	22
23	13.30	10.0 B	21.30	48.4	337	188	76.2	73.5	198	87.1	19.30	28.80	23
24	13.20	10.2 B	18.80	45.1	338 A	188	72.2	65.8	178	83.1	19.20	33.60	24
25	13.00	10.4 B	17.80	42.6	383	377A	70.8	60.7	184	78.7	19.30	31.40	25
26	12.80	10.4 B	17.20	40.8	380	303A	67.7	56.8	184	88.7	18.00	30.00	26
27	12.00	10.5 B	16.40	43.6	328	286A	63.3	53.9	184	83.3	18.80	28.30	27
28	11.20	10.9 B	15.50	44.6	318	267A	59.3	47.7	188	84.3	17.20	17.30	28
29	11.50		15.00	44.0	335	261A	54.8	44.4	183	90.3	17.80	15.15	29
30	11.40		15.00	41.0	338	237A	52.6	43.8	168	98.6	17.90	14.70	30
31	11.30		15.70		338		51.4	41.8		96.8		14.60	31
TOTAL	435.2	288.86	478.4	1 160.9	6 866.6	7 169	3 490.4	3 038.2	3 023.5	2 858.9	781.9	602.0	TOTAL
MEAN	13.7	10.3	15.4	38.4	182	239	110	97.4	131	85.8	25.4	19.4	MEAN
MAX	15.6	10.9	31.0	83.7	383	349	267	124	248	133	62.7	27.6	MAX
MIN	11.2	9.90	10.8	18.7	38.9	181	51.4	41.8	38.6	68.8	15.2	14.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 79.3
MAXIMUM DAILY, 383 ON MAY 25
MINIMUM DAILY, 9.900 ON FEB 21
MAXIMUM INSTANTANEOUS,
384 AT 10:30 MST ON MAY 25

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 04 30 N
LONG 118 48 10 W
DRAINAGE AREA, 11 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38 700	JUL	304 000
FEB	24 000	AUG	180 000
MAR	41 300	SEP	239 000
APR	102 000	OCT	230 000
MAY	610 000	NOV	85 800
JUN	610 000	DEC	53 000

TOTAL DISCHARGE, 2 800 000 dam³

WARE COULEE ABOVE MATZHIWIN CREEK - STATION NO. 05CJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	1.58	1.88	0.811	0.840	1.95	---	---	1
2	---	---	---	---	0	1.78	1.37	1.02	1.00	2.06	---	---	2
3	---	---	---	---	0	1.81	1.33	0.859	0.770	1.74	---	---	3
4	---	---	---	---	0	1.47	1.02	1.35	0.515	0.888	---	---	4
5	---	---	---	---	0.1210	1.58	0.846	0.831	0.481	0.350	---	---	5
6	---	---	---	---	0.147	1.42	0.863	0.613	0.762	0.185	---	---	6
7	---	---	---	---	0.136	1.48	0.895	0.686	1.15	0.148	---	---	7
8	---	---	---	---	0.189	1.65	0.997	1.37	1.13	0.282	---	---	8
9	---	---	---	---	0.397	1.77	0.717	1.21	1.18	0.261	---	---	9
10	---	---	---	---	0.280	1.88	0.896	0.900	1.33	0.228	---	---	10
11	---	---	---	---	0.355	1.38	0.554	1.21	1.28	0.189	---	---	11
12	---	---	---	---	0.305	1.36	0.474	1.58	1.42	0.177	---	---	12
13	---	---	---	---	0.281	1.38	0.544	1.86	1.33	0.154	---	---	13
14	---	---	---	---	0.1220	1.38	0.744	1.24	1.18	0.145	---	---	14
15	---	---	---	---	0.0030	1.35	0.590	1.48	1.08	0.148	---	---	15
16	---	---	---	---	0.116	1.48	0.840	1.38	1.02	0.139	---	---	16
17	---	---	---	---	0.0830	1.66	1.32	0.8830	0.878	0.076	---	---	17
18	---	---	---	---	0.2550	0.8820	2.02	0.513	0.742	0.184	0.1010	---	18
19	---	---	---	---	0.772	0.784	1.06	0.618	0.436	0.180	---	---	19
20	---	---	---	---	0.843	0.806	1.16	1.02	0.286	0.193	---	---	20
21	---	---	---	---	0.452	1.04	1.48	1.27	1.12	0.139	---	---	21
22	---	---	---	---	0.0470	1.37	1.08	0.857	1.08	0.1250	---	---	22
23	---	---	---	---	0.643	2.41	0.599	0.949	1.40	0	---	---	23
24	---	---	---	---	1.31	2.98	0.536	1.31	0.889	0	---	---	24
25	---	---	---	---	1.57	2.48	0.546	0.805	0.801	0	---	---	25
26	---	---	---	0.2440	1.23	1.40	0.580	0.836	0.107	0	---	---	26
27	---	---	---	0.175	1.04	0.804	0.531	0.849	0.273	0	---	---	27
28	---	---	---	0.153	1.22	0.893	0.495	1.01	1.01	0	---	---	28
29	---		---	0.0030	1.95	1.45	0.748	1.13	1.79	0	---	---	29
30	---		---	0	1.65	1.85	0.936	0.871	1.82	0.1002	---	---	30
31	---		---		1.44		0.737	0.595		0.0814	---	---	31
TOTAL	---	---	---	---	16.435	44.905	28.287	31.556	28.128	10.072	---	---	TOTAL
MEAN	---	---	---	---	0.530	1.50	0.912	1.02	0.871	0.325	---	---	MEAN
MAX	---	---	---	---	1.65	2.98	2.02	1.65	1.82	2.06	---	---	MAX
MIN	---	---	---	---	0	0.804	0.474	0.513	0.107	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.872
MAXIMUM DAILY, 2.98 ON JUN 24
MINIMUM DAILY, 0 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 45 N
LONG 111 46 55 W
DRAINAGE AREA, 83.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 440
FEB	---	AUG	2 730
MAR	---	SEP	2 520
APR	---	OCT	870
MAY	1 420	NOV	---
JUN	3 880	DEC	---

TOTAL DISCHARGE, 13 900 dam³

WASKAHIGAN RIVER NEAR THE MOUTH - STATION NO. 07CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8008	0.7008	0.9008	1.288	12.3	5.00	5.85	0.473	0.805	5.05	2.85 B	0.5308	1
2	0.7928	0.6808	0.9048	1.548	12.5	4.48	5.28	0.448	0.584	4.51	2.80 B	0.5488	2
3	0.7848	0.6588	0.9088	1.078	15.2	4.02	4.21	0.433	0.594	4.18	2.85 B	0.5388	3
4	0.7768	0.6368	0.9128	1.828	16.4	3.85	3.33	0.443	0.619	3.88	2.72 B	0.5488	4
5	0.7688	0.6088	0.9168	1.778	17.4	3.84	3.83	0.438	0.630	3.52	2.67 B	0.5698	5
6	0.7608	0.5808	0.9208	2.488	15.0	3.96	3.34	0.426	0.711	3.28	2.62 B	0.5728	6
7	0.7528	0.6008	0.6368	3.228	13.1	3.89	2.09	-0.450	0.819	3.35	2.24 B	0.6038	7
8	0.7568	0.6008	0.7118	4.668	13.1	3.33	1.87	0.475	1.10	3.25	1.90 B	0.6108	8
9	0.7578	0.6008	0.6288	7.238	11.6	3.03	1.43	0.487	1.15	3.04	1.80 B	0.6398	9
10	0.7578	0.4408	0.6868	13.1 B	11.3	2.87	1.24	0.485	1.07	3.05	1.77 B	0.6748	10
11	0.7588	0.4408	0.4678	15.0 B	11.1	3.01	1.13	0.495	1.03	3.05	1.80 B	0.6928	11
12	0.7598	0.4408	0.4158	13.6 B	12.0	2.48	1.09	0.594	1.09	3.32	1.85 B	0.6948	12
13	0.7648	0.4408	0.3858	22.7 B	13.8	2.83	1.01	0.602	1.78	3.77	1.90 B	0.6898	13
14	0.7638	0.4408	0.3748	33.3 B	11.2	3.46	0.986	0.677	3.73	5.09	1.83 B	0.6738	14
15	0.7638	0.4458	0.3898	31.7 B	10.1	3.82	0.953	1.27	5.36	10.1	1.58 B	0.6798	15
16	0.7518	0.4478	0.5038	28.2 B	9.12	3.57	0.897	1.33	4.64	13.8	1.38 B	0.6818	16
17	0.7508	0.4508	0.7178	24.1	8.27	3.41	0.818	1.78	4.32	14.1	1.25 B	0.7418	17
18	0.7508	0.4708	1.20 B	23.6	7.89	3.33	0.771	1.74	4.30	11.7	1.15 B	0.7588	18
19	0.7408	0.4908	1.64 B	20.3	7.09	1.96	0.700	1.40	4.66	9.81	1.05 B	0.7598	19
20	0.7408	0.5108	1.77 B	18.6	6.68	1.77	0.847	1.15	4.42	8.38	0.8648	0.7738	20
21	0.7478	0.5158	1.47 B	16.1	6.15	1.61	0.819	0.873	4.30	7.38	0.7258	0.7888	21
22	0.7488	0.5408	1.09 B	13.6	5.72	1.55	0.828	0.868	4.82	6.78	0.8038	0.8688	22
23	0.7438	0.5508	1.08 B	13.3	5.37	1.68	0.864	0.733	4.88	6.14	0.8788	0.8898	23
24	0.7418	0.6008	0.9448	12.7	5.02	2.80	0.857	0.880	4.58	5.83	0.8608	0.8788	24
25	0.7408	0.6508	0.8068	14.0	5.19	10.1	0.869	0.840	4.38	4.888	0.8488	0.8578	25
26	0.7408	0.7008	1.33 B	17.3	5.76	11.8	0.748	0.800	4.43	3.838	0.8548	1.02 B	26
27	0.7368	0.7508	1.01 B	18.5	5.16	9.41	0.888	0.847	6.78	3.658	0.8488	1.02 B	27
28	0.7368	0.8508	0.7038	17.4	5.47	8.08	0.838	0.811	7.34	3.838	0.8508	0.8858	28
29	0.7348		0.5068	14.6	5.82	8.73	0.883	0.483	8.88	3.438	0.8308	0.8308	29
30	0.7338		0.3858	13.0	5.84	8.38	0.842	0.801	8.77	3.378	0.8488	0.8488	30
31	0.7308		0.4078		5.82		0.898	0.827		3.048		0.7848	31
TOTAL	23.398	18.812	26.231	431.26	288.81	130.55	45.080	32.818	85.842	171.71	44.897	22.858	TOTAL
MEAN	0.753	0.684	0.848	14.0	9.83	4.02	1.48	0.725	3.30	5.84	1.48	0.740	MEAN
MAX	0.800	0.850	1.93	33.3	15.4	11.8	5.85	1.78	7.34	14.1	2.85	1.02	MAX
MIN	0.730	0.440	0.374	1.29	4.82	1.55	0.806	0.433	0.806	3.04	0.830	0.630	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.69
MAXIMUM DAILY, 33.30 ON APR 14
MINIMUM DAILY, 0.3748 ON MAR 14
MAXIMUM INSTANTANEOUS,
35.80 AT 19:30 MST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 45 03 N
LONG 117 13 30 W
DRAINAGE AREA, 1 040 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 020	JUL	2 880
FEB	1 340	AUG	1 880
MAR	2 270	SEP	2 280
APR	25 400	OCT	10 800
MAY	25 800	NOV	3 880
JUN	10 400	DEC	1 880

TOTAL DISCHARGE, 113 000 dam³

WASKASOO CREEK AT RED DEER - STATION NO. 05CC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0108	5.66 B	0.535	0.018	0.004E	0.003	0.013	0.026	0.023E	---	1
2	---	---	0.0108	5.38 B	0.484	0.018	0.004E	0.003	0.012E	0.026E	0.022E	---	2
3	---	---	0.0108	5.55	0.422	0.013E	0.005E	0.002	0.011E	0.025	0.022E	---	3
4	---	---	0.0108	5.81	0.313	0.007	0.005	3.16	0.010	0.019	0.021E	---	4
5	---	---	0.0108	5.14	0.318	0.146	0.004	0.029	0.009	0.023	0.021E	---	5
6	---	---	0.0108	4.36	0.293	0.053	0.005	0.107E	0.033	0.021E	0.020E	---	6
7	---	---	0.0108	3.47	0.255	0.041	0.004	0.188E	0.019	0.020E	0.020	---	7
8	---	---	0.0105	2.84	0.192	0.028	0.003	0.264	0.010	0.018E	---	---	8
9	---	---	0.0108	2.30	0.117	0.018	0.002	0.157E	0.010E	0.017E	---	---	9
10	---	---	0.0108	2.03	0.186	0.012	0.002	0.080	0.010E	0.015	---	---	10
11	---	---	0.0308	1.69	0.080	0.018E	0.002	0.029	0.010	0.017E	---	---	11
12	---	---	0.0508	1.38	0.059	0.021E	0.136	0.025	2.25	0.019	---	---	12
13	---	---	0.0708	1.23	0.047	0.025	0.062	0.015	0.158	0.019	---	---	13
14	---	---	0.0878	1.13	0.036	0.019	0.032	0.009	0.053	0.019	---	---	14
15	---	---	0.1008	0.946	0.032	0.009	0.015	0.008	0.023	0.021E	---	---	15
16	---	---	0.2008	0.863	0.032	0.006	0.008	0.025	0.120	0.032	---	---	16
17	---	---	0.3008	0.918	0.038	0.003	0.011E	0.014	0.122E	0.020	---	---	17
18	---	---	0.4388	0.830	0.024	0.003	0.014	0.024E	0.126	0.016	---	---	18
19	---	---	0.4268	0.936E	0.024	0.010	0.006	0.035	0.123	0.015E	---	---	19
20	---	---	3.46 B	1.02	0.038	0.011	0.005	0.008	0.062	0.014	---	---	20
21	---	---	5.31 B	0.684	0.035	0.023	0.003	1.52	0.106	0.012E	---	---	21
22	---	---	5.42 B	0.671	0.017	0.047	0.088E	0.188	0.095E	0.008E	---	---	22
23	---	---	3.91 B	0.871	0.015	0.011	0.174	0.736	0.084E	0.006	---	---	23
24	---	---	2.45 B	0.841	0.027	0.043	0.101E	0.028	0.073	0.133	---	---	24
25	---	---	3.36 B	0.767	0.339	0.010	0.028	0.024	0.026	0.023	---	---	25
26	---	---	1.85 B	0.821	0.078	0.004	0.013	0.024	0.078E	0.017	---	---	26
27	---	---	1.40 B	0.758	0.035	0.006	0.003	0.085	0.139	0.019	---	---	27
28	---	---	0.7408	0.885	0.018	0.002	0.003	0.018	0.052	0.093	---	---	28
29	---	---	0.1148	0.638	0.015	0.003E	0.043	0.017E	0.026	0.021	---	---	29
30	---	---	0.0678	0.570	0.367	0.003E	0.011	0.018E	0.181	0.015	---	---	30
31	---		2.64 B		0.1318		0.003	0.014E		0.023	---	---	31
TOTAL	---	---	31.370	59.558	4.445	0.826	0.789	5.176	4.078	0.753	---	---	TOTAL
MEAN	---	---	1.01	2.32	0.143	0.021	0.025	0.167	0.136	0.025	---	---	MEAN
MAX	---	---	5.42	5.95	0.535	0.145	0.174	2.25	2.25	0.133	---	---	MAX
MIN	---	---	0.010	0.471	0.015	0.002	0.002	0.002	0.010	0.008	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.477
MAXIMUM DAILY, 5.66 ON APR 3
MINIMUM DAILY, 0.002 ON JUN 28

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 16 07 N
LONG 113 47 52 W
DRAINAGE AREA, 484 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	68.2
FEB	---	AUG	447
MAR	2 710	SEP	352
APR	5 010	OCT	65.0
MAY	384	NOV	---
JUN	54.0	DEC	---

TOTAL DISCHARGE, 10 100 dam³

WASKATENAU CREEK NEAR WASKATENAU - STATION NO. 05EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.993B	0.904	0.374	0.048	0	0	0.001E	0.001B	---	1
2	---	---	0.0018	1.40 B	0.537	0.261	0.039	0	0	0.001E	0.001B	---	2
3	---	---	0.0018	1.17 B	0.581	0.338	0.032	0	0	0.001E	0.001B	---	3
4	---	---	0.0018	1.34 B	0.555	0.187	0.031	0	0	0.001E	0.001B	---	4
5	---	---	0.0018	1.07 B	0.508	0.090	0.031	0	0	0.001E	0.001B	---	5
6	---	---	0.0018	1.07 B	0.433	0.077	0.037	0	0	0.001E	0.001B	---	6
7	---	---	0.0018	2.16 B	0.348	0.083	0.013	0	0	0.001E	---	---	7
8	---	---	0.0018	2.39 B	0.282	0.128	0.018	0	0	0.001E	---	---	8
9	---	---	0.0018	2.56 B	0.232	0.128	0.010	0	0	0.001E	---	---	9
10	---	---	0.0018	2.38	0.303	0.071	0	0	0	0.001E	---	---	10
11	---	---	0.0018	2.10	0.188	0.038	0	0	0	0.001E	---	---	11
12	---	---	0.0018	1.67	0.144	0.020	0	0	0	0.001E	---	---	12
13	---	---	0.0018	1.74	0.128	0.020	0	0	0	0.001E	---	---	13
14	---	---	0.0018	1.61	0.187	0.028	0	0	0	0.001E	---	---	14
15	---	---	0.0018	1.48	0.180	0.036	0	0	0	0.001E	---	---	15
16	---	---	0.0018	1.39	0.135	0.045	0	0	0	0.001E	---	---	16
17	---	---	0.0018	1.11	0.119	0.035	0	0	0	0.0018	---	---	17
18	---	---	0.0018	0.958	0.105	0.031	0	0	0	0.0018	---	---	18
19	---	---	0.0018	0.791	0.092	0.013	0	0	0	0.0018	---	---	19
20	---	---	0.0018	0.887	0.078	0.017	0	0	0	0.0018	---	---	20
21	---	---	0.0018	0.687	0.080	0.019	0	0	0	0.0018	---	---	21
22	---	---	0.0018	0.670	0.103	0.033	0	0	0	0.0018	---	---	22
23	---	---	0.0018	0.648	0.133	0.022	0	0	0	0.0018	---	---	23
24	---	---	0.0018	0.462	0.130	0.091	0	0	0	0.0018	---	---	24
25	---	---	0.0018	0.397	0.228	0.130	0	0	0	0.0018	---	---	25
26	---	---	0.0018	0.338	0.262	0.087	0	0	0.001E	0.0018	---	---	26
27	---	0.0018	0.0018	0.278	0.286	0.095	0	0	0.001E	0.0018	---	---	27
28	---	0.0018	0.0018	0.281	0.305	0.188	0	0	0.001E	0.0018	---	---	28
29	---		0.0248	0.362	0.408	0.128	0	0	0.001E	0.0018	---	---	29
30	---		0.0448	0.413	0.488	0.086	0	0	0.001E	0.0018	---	---	30
31	---		0.3788		0.472		0	0		0.0018		---	31
TOTAL	---	---	0.481	35.263	8.432	2.736	0.247	0	0.005	0.031	---	---	TOTAL
MEAN	---	---	0.018	1.18	0.272	0.091	0.008	0	0	0.001	---	---	MEAN
MAX	---	---	0.378	2.56	0.681	0.374	0.048	0	0.001	0.001	---	---	MAX
MIN	---	---	0.001	0.278	0.078	0.013	0	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.193
MAXIMUM DAILY, 2.560 ON APR 9
MINIMUM DAILY, 0 ON JUL 10
MAXIMUM INSTANTANEOUS,
2.740 AT 17:30 MST ON APR 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 07 33 N
LONG 112 48 56 W
DRAINAGE AREA, 313 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	21.3
FEB	---	AUG	0
MAR	41.8	SEP	0.43
APR	3 050	OCT	2.88
MAY	728	NOV	---
JUN	337	DEC	---

TOTAL DISCHARGE, 4 080 dam³

WATERTON - BELLY DIVERSION CANAL - STATION NO. 05AD027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	0E	0E	0	21.2	19.2	46.6	8.23	38.6	15.6	0E	0E	1
2	0E	0E	0E	0	21.4	19.2	46.2	7.38	37.9	21.6	0E	0E	2
3	0E	0E	0E	0	21.7	19.1	45.9	7.47	22.6	39.3	0E	0E	3
4	0E	0E	0E	0	22.2	19.1	45.6	7.37	12.6	40.3	0E	0E	4
5	0E	0E	0E	0	22.8	19.1	45.0	7.43	8.96	43.7	0E	0E	5
6	0E	0E	0E	0	18.1	22.6	44.8	7.37	8.95	43.6	0E	0E	6
7	0E	0E	0E	0	13.4	24.9	44.4	7.37	8.98	43.4	0E	0E	7
8	0E	0E	0E	0	12.6	25.1	43.9	7.35	9.01	42.6	0E	0E	8
9	0E	0E	0E	0	12.8	25.4	43.6	8.15	9.02	42.0	0E	0E	9
10	0E	0E	0E	0	12.9	25.5	43.0	8.96	9.03	41.8	0E	0E	10
11	0E	0E	0E	0.280	12.9	25.7	42.7	9.02	9.06	38.0	0E	0E	11
12	0E	0E	0E	5.04	13.1	25.8	42.3	9.01	9.25	36.5	0E	0E	12
13	0E	0E	0E	7.92	13.1	26.6	42.0	8.99	9.52	36.1	0E	0E	13
14	0E	0E	0E	7.65	13.1	36.2	41.8	8.99	9.78	35.4	0E	0E	14
15	0E	0E	0E	7.81	15.3	42.1	41.0	9.02	9.95	31.0	0E	0E	15
16	0E	0E	0E	10.7	17.6	42.7	40.5	9.19	8.51	21.2	0E	0E	16
17	0E	0E	0E	16.4	17.8	42.9	40.0	9.17	6.44	11.9	0E	0E	17
18	0E	0E	0E	21.0	17.8	42.8	39.4	9.25	7.24	3.30	0E	0E	18
19	0E	0E	0E	21.2	17.9	42.6	38.8	9.34	7.10	0.127	0E	0E	19
20	0E	0E	0E	21.2	18.1	45.8	38.2	13.9	8.50	0.084	0E	0E	20
21	0E	0E	0E	21.2	18.3	48.1	37.5	18.2	5.90	0.083	0E	0E	21
22	0E	0E	0E	21.2	18.5	44.2	36.9	18.2	5.87	0.083	0E	0E	22
23	0E	0E	0E	21.2	18.8	42.3	36.2	21.7	8.10	0.083	0E	0E	23
24	0E	0E	0E	21.1	18.8	42.2	35.6	23.9	13.5	0.083	0E	0E	24
25	0E	0E	0E	21.2	19.3	42.2	34.9	23.7	14.8	0.083	0E	0E	25
26	0E	0E	0E	21.1	19.4	46.0	30.2	24.4	14.9	0.083	0E	0E	26
27	0E	0E	0E	21.1	19.4	47.8	25.8	31.6	15.1	0.083	0E	0E	27
28	0E	0E	0A	21.0	18.5	47.7	26.4	31.1	15.2	0.084	0E	0E	28
29	0E		0	21.1	19.4	47.4	19.9	30.5	15.3	0 A	0E	0E	29
30	0E		0	21.1	19.3	47.0	12.0	29.8	15.5	0 E	0E	0E	30
31	0E		0		19.2		9.31	28.2		0 E		0E	31
TOTAL	0	0	0	331.810	543.0	1 078.2	1 180.91	459.18	382.67	578.674	0	0	TOTAL
MEAN	0	0	0	11.1	17.5	35.9	37.4	14.8	11.8	18.7	0	0	MEAN
MAX	0	0	0	21.2	22.8	48.3	46.6	31.6	28.6	43.7	0	0	MAX
MIN	0	0	0	0	12.4	19.1	9.31	7.35	5.50	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.3
MAXIMUM DAILY, 48.3 ON JUN 23
MINIMUM DAILY, 0E ON JAN 1

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 19 20 N
LONG 113 38 10 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	100 800
FEB	0	AUG	38 700
MAR	0	SEP	30 500
APR	28 700	OCT	50 000
MAY	46 800	NOV	0
JUN	93 000	DEC	0

TOTAL DISCHARGE, 389 000 dam³

WATERTON LAKE AT WATERTON PARK - STATION NO. 05AD025

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1278.250	1278.900	1279.510	1277.970	1278.530	1278.580	1278.820	1278.900	---	1
2	---	---	---	1278.330	1278.850E	1279.490	1278.980	1278.500	1278.550	1278.810	1278.890	---	2
3	---	---	---	---	1279.200	1279.450	1278.940	1278.490	1278.540	1278.805	1278.885	---	3
4	1278.360	---	---	---	1279.430	1279.400	1278.930	1278.490	1278.540	1278.800	1278.885	---	4
5	---	---	---	---	1279.400	1279.350	1278.930	1278.480	1278.530	1278.780	---	---	5
6	---	---	1278.302	1278.350	1279.350	1278.320	1278.910	1278.470	1278.550	1278.780	---	---	6
7	---	---	---	---	1279.286	1279.435E	1278.900	1278.470	1278.590	1278.795E	---	1278.490	7
8	---	---	---	---	1278.230	1278.550	1278.890	1278.470	1278.580	1278.800	---	---	8
9	1278.380	---	---	---	1278.200	1278.700	1278.888	1278.460	1278.590	1278.770E	---	---	9
10	---	---	---	---	1278.180	1278.830	1278.884	1278.440	1278.590	1278.730E	---	---	10
11	---	---	---	---	1278.130	1278.830	1278.838	1278.480	1278.800	1278.700	---	---	11
12	---	---	---	---	1278.100	1278.630	1278.820	1278.490	1278.680	1278.700	---	---	12
13	1278.330	---	---	1278.800	1278.080	1278.380	1278.798	1278.520	1278.800	1278.700	---	---	13
14	---	---	---	---	1278.040	1278.380	1278.780	1278.530	---	1278.680	---	---	14
15	---	---	---	---	1278.020	1278.330	1278.780	1278.540	---	1278.700	---	---	15
16	---	---	1278.280	---	1278.030	1278.330	1278.730	1278.530	---	1278.690	---	---	16
17	---	---	---	---	1278.080	1278.320	1278.710	1278.710	---	1278.800	---	1278.448	17
18	---	---	---	---	1278.080	1278.290	1278.680	1278.700	---	1278.810	---	---	18
19	---	1278.300	---	---	1278.250	1278.280	1278.674	1278.710	---	1278.830	---	---	19
20	---	---	---	1278.890	1278.420	1278.250	1278.690	1278.710	---	1278.840	1278.678	---	20
21	---	---	---	---	1278.530	1278.280	1278.640	1278.710	1278.880	1278.840	---	1278.439	21
22	---	---	---	---	1278.520	1278.301	1278.630	1278.700	1278.880	1278.840	---	---	22
23	---	---	1278.280	---	1278.690	1278.300	1278.608	1278.690	1278.880	1278.880	---	---	23
24	---	---	---	---	1278.700	1278.150	1278.610	1278.680	1278.870	1278.880	---	---	24
25	---	---	---	---	1278.745E	1278.100	1278.590	1278.680	1278.870	1278.930	---	---	25
26	1278.360	---	---	---	1278.780	1278.083	1278.570	1278.640	1278.870	1278.890	---	---	26
27	---	---	1278.308	1278.670	1278.710	1278.080	1278.580	1278.630	1278.870	1278.890	---	---	27
28	---	---	---	---	1278.610	1278.980	1278.550	1278.612	1278.860	1278.901	---	---	28
29	1278.380		---	---	1278.520	1278.880	1278.540	1278.610	1278.850	1278.903	---	---	29
30	---		---	1278.814	1278.491	1278.820	1278.530	1278.000	1278.850	1278.917	1278.540	---	30
31	---		---		1278.490		1278.520	1278.580		1278.904		---	31
MEAN	---	---	---	---	1278.334	1278.308	1278.740	1278.578	---	1278.810	---	---	MEAN
MAX	---	---	---	---	1278.780	1278.700	1278.870	1278.710	---	1278.930	---	---	MAX
MIN	---	---	---	---	1278.800	1278.080	1278.520	1278.440	---	1278.680	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 1278.780 ON MAY 26

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 03 12 N
LONG 113 54 16 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 691 km²

WATERTON RESERVOIR - STATION NO. 05AD026

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1175.469E	1175.902	1176.083	1176.606	1177.583	1184.520	1182.527	1177.177	1175.763	1180.105	1180.219	1179.983E	1
2	1175.477E	1175.905	1176.098	1176.654	1177.722	1182.499	1183.369	1177.158	1175.633	1180.183	1180.208	1179.991E	2
3	1175.487E	1175.906	1176.094	1176.723	1177.832	1182.456	1183.209	1177.142	1175.328	1180.179	1180.200	1179.989E	3
4	1175.516E	1175.907	1176.106	1176.778	1178.284	1182.435	1183.048	1177.118	1175.228	1180.071	1180.188	1179.987E	4
5	1175.536E	1175.913	1176.119	1176.824	1178.784	1182.465	1182.876	1177.085	1175.231	1179.889	1180.208	1179.986A	5
6	1175.564E	1175.917	1176.127	1176.861	1179.232	1182.535	1182.697	1177.052	1175.267	1179.674	1180.234	1179.991	6
7	1175.573A	1175.917	1176.136	1176.933	1179.710	1182.522	1182.518	1177.016	1175.284	1179.497	1180.245	1179.991	7
8	1175.595	1175.922	1176.147	1176.974	1180.111	1182.784	1182.329	1176.969	1175.313	1179.307	1180.241	1179.978	8
9	1175.620	1175.925	1176.151	1177.024	1180.408	1183.082	1182.135	1176.931	1175.342	1179.101	1180.217	1179.962	9
10	1175.633	1175.927	1176.160	1177.081	1180.633	1183.182	1181.936	1176.885	1175.390	1178.920	1180.177	1179.956	10
11	1175.650	1175.931	1176.168	1177.139	1180.784	1183.388	1181.730	1176.857	1175.458	1178.734	1180.151	1179.950	11
12	1175.672	1175.936	1176.171	1177.188	1180.878	1183.503	1181.518	1176.837	1175.677	1178.588	1180.138	1179.942	12
13	1175.689	1175.942	1176.179	1177.197	1180.940	1183.698	1181.392	1176.838	1176.166	1178.463	1180.132	1179.942	13
14	1175.711	1175.946	1176.192	1177.228	1180.989	1183.942	1181.076	1176.830	1176.570	1178.298	1180.126	1179.949	14
15	1175.730	1175.954	1176.213	1177.288	1180.978	1184.136	1180.853	1176.881	1176.884	1178.159	1180.121	1179.950	15
16	1175.747	1175.956	1176.240	1177.385	1180.917	1184.273	1180.617	1176.981	1177.184	1178.131	1180.103	1179.951	16
17	1175.768	1175.966	1176.265	1177.459	1180.898	1184.356	1180.388	1177.100	1177.437	1178.233	1180.080	1179.958	17
18	1175.784	1175.977	1176.298	1177.478	1180.921	1184.319	1180.120	1177.241	1177.738	1178.448	1180.025	1179.959	18
19	1175.790	1175.986	1176.326	1177.503	1181.024	1184.285	1179.853	1177.388	1177.990	1178.722	1180.000	1179.951	19
20	1175.802	1175.993	1176.356	1177.540	1181.205	1184.268	1179.589	1177.487	1178.353	1179.003	1179.974	1179.949	20
21	1175.823	1176.001	1176.386	1177.572	1181.439	1184.334	1179.320	1177.480	1178.489	1179.281	1179.958	1179.952	21
22	1175.833	1176.011	1176.415	1177.588	1181.705	1184.384	1179.041	1177.481	1178.789	1179.580	1179.943A	1179.952	22
23	1175.843	1176.017	1176.433	1177.588	1181.974	1184.388	1178.778	1177.456	1179.008	1179.824	1179.920A	1179.952	23
24	1175.858	1176.027	1176.453	1177.579	1182.239	1184.350	1178.510	1177.364	1179.198	1180.018	1179.904	1179.946	24
25	1175.868	1176.048	1176.472	1177.562	1182.494	1184.287	1178.236	1177.262	1179.348	1180.111	1179.921E	1179.941	25
26	1175.878	1176.053	1176.485	1177.540	1182.703	1184.220	1177.985	1177.127	1179.461	1180.181	1179.958E	1179.934	26
27	1175.878	1176.061	1176.497	1177.508	1182.831	1184.117	1177.749	1176.811	1179.512	1180.213	1179.998A	1179.911	27
28	1175.880	1176.089	1176.522	1177.472	1182.814	1183.986	1177.537	1176.667	1179.781	1180.222	1179.986E	1179.912	28
29	1175.884		1176.532	1177.462	1182.721	1183.833	1177.338	1176.466	1179.875	1180.228	1179.986E	1179.911	29
30	1175.884		1176.552	1177.504	1182.526	1183.675	1177.243	1176.229	1179.987	1180.235	1179.995E	1179.912	30
31	1175.884		1176.576		1182.341		1177.205	1175.991		1180.226		1179.906	31
MEAN	1175.730	1175.985	1176.288	1177.242	1180.837	1183.609	1180.438	1177.012	1177.218	1179.411	1180.085	1179.953	MEAN
MAX	1175.884	1176.058	1176.576	1177.588	1182.831	1184.386	1183.527	1177.481	1179.987	1180.235	1180.245	1179.993	MAX
MIN	1175.469	1176.902	1176.083	1176.606	1177.583	1182.435	1177.205	1175.991	1175.231	1178.131	1179.904	1179.906	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MEAN, 1178.861
MAXIMUM DAILY, 1184.386 ON JUN 23
MINIMUM DAILY, 1175.231 ON SEP 5
MAXIMUM INSTANTANEOUS,
1184.389 AT 17:40 MST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 19 18 N
LONG 113 49 52 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1965

DRAINAGE AREA,
1 270 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WATERTON RIVER NEAR GLENWOOD - STATION NO. 05AD026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.609	1.758	1.628	2.108	1.68	68.9	1.84	2.95	1.17	1.83	32.3	11.5 B	1
2	1.598	1.608	1.608	2.38	1.68	66.0	1.73	2.92	1.13	1.89	31.6	12.0 B	2
3	1.608	1.608	1.608	2.33	1.84	62.8	1.69	2.89	1.18	1.85	30.0	12.0 B	3
4	1.608	1.428	1.608	2.33	1.81	64.8	1.65	2.87	1.32	1.98	28.7	12.2 B	4
5	1.698	1.408	1.698	2.32	1.87	64.2	1.63	2.84	1.44	1.58	29.5	12.0 B	5
6	1.708	1.378	1.668	2.28	1.74	32.8	1.68	2.72	2.25	1.94	32.0	11.8 B	6
7	1.738	1.388	1.658	2.21	1.76	28.8	1.70	2.71	1.81	1.84	33.8	11.5 B	7
8	1.608	1.358	1.608	2.18	2.57	30.2	1.71	2.81	1.70	1.70	33.8	11.0 B	8
9	1.458	1.358	1.598	2.14	4.68	47.8	1.74	2.73	1.74	2.08	33.0	10.8 B	9
10	1.368	1.388	1.608	2.08	10.7	53.3	1.88	2.33	1.85	1.83	30.1	9.508	10
11	1.368	1.448	1.628	2.05	14.5	39.3	1.84	2.30	1.82	1.88	27.4	9.008	11
12	1.378	1.608	1.658	2.05	17.7	34.3	1.82	2.39	2.83	1.85	26.1	7.608	12
13	1.408	1.798	1.708	1.98	18.8	18.3	1.86	2.37	2.54	1.75	25.1	8.908	13
14	1.508	1.838	1.758	2.00	20.5	2.98	1.73	2.32	1.83	1.78	23.7	8.908	14
15	1.608	1.848	1.808	2.00	20.6	2.37	1.86	2.88	1.85	1.74	22.7	7.008	15
16	1.658	1.838	1.858	1.98	20.0	2.38	1.86	2.25	1.63	1.88	21.7	7.108	16
17	1.708	1.758	1.908	1.90	18.4	3.04	1.71	1.70	1.48	1.85	20.2	7.208	17
18	1.608	1.738	1.858	1.84	20.0	22.8	2.05	1.68	1.62	1.71	18.1	7.508	18
19	1.358	1.828	1.988	1.95	21.7	20.2	3.08	1.62	1.58	1.84	15.9	7.908	19
20	1.388	1.608	2.008	1.93	25.8	10.1	2.85	1.48	1.88	1.83	14.38	8.508	20
21	1.488	1.558	2.008	1.83	32.2	3.88	2.78	1.63	1.82	1.88	13.58	8.708	21
22	1.558	1.638	1.978	1.81	38.4	3.20	2.78	1.58	1.67	1.84	13.08	8.808	22
23	1.858	1.628	1.978	1.77	47.7	2.87	3.38	1.43	1.62	1.92	12.08	8.908	23
24	1.758	1.628	1.988	1.72	56.3	2.88	3.32	1.38	1.84	10.8	11.58	8.708	24
25	1.808	1.588	2.008	1.68	64.7	2.13	3.10	1.30	1.81	10.9	11.08	8.508	25
26	1.808	1.588	1.988	1.68	71.8	2.14	3.08	1.28	1.88	34.4	10.48	8.208	26
27	1.808	1.608	1.958	1.70	75.4	1.91	3.00	1.35	1.82	38.4	10.58	8.008	27
28	1.918	1.688	1.938	1.65	75.9	1.68	2.99	1.21	1.88	31.3	10.78	7.808	28
29	1.908		1.908	1.70	74.6	1.85	2.84	1.27	1.80	32.0	10.88	7.008	29
30	1.888		1.848	1.85	71.6	1.84	2.88	1.28	1.83	33.0	11.08	6.508	30
31	1.858		2.008		68.7		2.97	1.23		32.9		6.308	31
TOTAL	50.00	44.08	55.03	59.59	906.20	570.51	70.93	63.43	50.36	383.18	644.3	276.20	TOTAL
MEAN	1.61	1.57	1.81	1.99	29.3	22.4	2.29	2.05	1.68	8.13	21.5	8.91	MEAN
MAX	1.81	1.84	2.00	2.38	75.9	68.9	3.32	2.92	2.83	33.0	33.8	12.2	MAX
MIN	1.38	1.38	1.58	1.65	1.61	1.68	1.63	1.21	1.13	1.84	10.4	6.30	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.83
MAXIMUM DAILY, 75.9 ON MAY 28
MINIMUM DAILY, 1.13 ON SEP 2
MAXIMUM INSTANTANEOUS,
76.2 AT 16:52 MST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 42 N
LONG 113 28 00 W
DRAINAGE AREA, 1 830 km²

B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 320	JUL	5 130
FEB	3 810	AUG	5 480
MAR	4 840	SEP	4 350
APR	5 150	OCT	21 600
MAY	78 300	NOV	55 700
JUN	57 900	DEC	23 800

TOTAL DISCHARGE, 272 [illegible] dam³

WATERTON RIVER NEAR WATERTON PARK - STATION NO. 05AD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.920	1.980	1.780	2.61	26.2	85.1	24.1	7.28	8.13	17.3	24.9	7.48	1
2	3.850	3.040	1.670	2.85	30.9	86.7	24.0	7.17	7.83	16.8	23.6	7.27	2
3	3.800	2.050	1.940	3.46	41.1	82.7	23.5	7.01	7.76	16.8	22.6	7.208	3
4	3.770	3.070	1.900	2.89	55.1	86.3	22.9	6.77	7.86	15.5	22.6	7.108	4
5	3.750	2.080	1.980	3.29	57.3	84.4	22.7	6.48	7.83	15.1	27.3	7.03	5
6	3.750	2.090	1.94	3.09	52.5	81.3	22.2	6.21	8.14	15.3	29.5	6.73	6
7	3.760	2.080	1.95	3.16	47.6	82.0	21.3	6.24	8.22	15.7	28.6	6.33	7
8	3.780	2.070	1.91	3.46	42.9	78.1	20.6	6.04	8.32	15.1	27.3	6.33	8
9	3.780	2.060	1.930	3.75	39.6	83.6	20.2	6.16	8.72	15.4	26.4	6.17	9
10	2.890	2.060	1.790	4.16	37.4	77.6	19.6	6.94	9.05	14.6	23.0	6.188	10
11	2.840	2.110	1.77	5.28	36.2	84.1	18.9	6.87	9.84	13.9	20.9	6.908	11
12	2.610	2.130	1.75	7.04	33.6	80.5	18.1	7.73	10.7	13.3	19.7	6.708	12
13	2.600	2.230	1.74	8.38	31.5	67.6	17.0	8.48	10.6	13.3	18.6	6.808	13
14	2.610	2.450	1.69	12.0	29.4	56.2	16.3	8.85	20.4	12.4	18.0	6.508	14
15	2.610	2.260	1.65	15.8	28.0	52.9	15.3	9.84	21.0	12.5	16.4	6.408	15
16	2.650	2.190	1.65	19.2	28.6	50.6	14.4	12.4	21.6	14.2	14.5	6.038	16
17	2.650	2.160	1.66	21.6	31.6	49.4	13.8	13.8	19.9	16.3	13.3	5.83	17
18	2.160	2.190	1.65	23.6	37.9	47.0	13.3	14.0	20.3	16.5	12.2	4.88	18
19	2.110	2.160	1.73	23.1	47.6	45.0	12.3	14.0	19.8	17.4	11.4	4.588	19
20	2.130	1.990	1.84	23.7	56.6	45.0	11.7	13.8	19.6	17.4	10.6	4.808	20
21	2.170	2.120	1.77	23.4	66.7	46.5	11.1	13.6	19.1	17.8	10.0	5.038	21
22	2.360	1.840	1.90	21.0	77.4	43.2	10.6	13.1	18.1	18.0	9.908	4.708	22
23	2.380	2.010	1.89	20.3	84.0	39.3	10.2	12.4	19.6	19.1	9.708	4.298	23
24	2.310	2.030	2.05	19.2	89.3	36.6	10.1	11.9	18.5	19.3	9.608	4.592	24
25	2.420	1.930	2.11	17.7	94.2	32.6	9.87	11.3	18.5	20.2	9.40	4.000	25
26	2.280	1.960	2.14	17.8	96.3	29.7	9.04	10.5	18.8	22.4	8.81	3.808	26
27	2.580	2.150	2.16	16.9	88.7	27.2	8.54	10.0	18.4	25.2	8.51	4.598	27
28	2.320	1.960	2.19	17.5	76.7	25.4	8.11	9.80	18.1	25.4	8.20	4.608	28
29	2.120		2.28	19.5	69.0	24.6	7.73	9.45	17.7	26.4	7.83	3.978	29
30	2.040		2.45	23.0	66.5	24.3	7.51	9.14	17.4	25.8	7.59	3.888	30
31	2.010		2.46		67.1		7.28	8.76		26.3		3.878	31
TOTAL	77.51	58.67	59.09	386.49	1 966.2	1 811.5	472.08	284.07	455.14	550.1	498.84	185.94	TOTAL
MEAN	2.50	2.09	1.93	12.9	63.8	60.4	15.2	9.68	15.2	17.7	16.6	5.99	MEAN
MAX	3.92	3.46	2.46	23.7	94.3	86.6	24.1	14.0	21.6	26.4	29.5	7.48	MAX
MIN	2.01	1.84	1.65	2.46	26.2	24.3	7.28	6.04	7.83	12.4	7.59	3.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.0
MAXIMUM DAILY, 94.3 ON MAY 26
MINIMUM DAILY, 1.65 ON MAR 15
MAXIMUM INSTANTANEOUS,
95.8 AT 01:00 MST ON MAY 25

SUMMARY FOR THE YEAR 1985

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 50 N
LONG 113 59 20 W
DRAINAGE AREA, 814 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 700	JUL	40 800
FEB	5 050	AUG	25 400
MAR	5 180	SEP	39 300
APR	33 400	OCT	47 500
MAY	144 000	NOV	43 100
JUN	131 000	DEC	16 400

TOTAL DISCHARGE, 535 000 dam³

WEILLER CREEK NEAR WETASKIWIN - STATION NO. 05FA024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.88 B	0.078	0.007	0.705	0.043	0.013	0.011	0.0088	---	1
2	---	---	0 B	4.20	0.089	0.008	0.005	0.044	0.013	0.012	0.0049	---	2
3	---	---	0 B	2.38	0.098	0.007	0.005	0.046	0.013	0.013	0.0049	---	3
4	---	---	0 B	1.83	0.092	0.006	0.006	0.051	0.013	0.010	0.0039	---	4
5	---	---	0 B	0.934	0.048	0.006	0.006	0.056	0.013	0.010	---	---	5
6	---	---	0 B	0.863	0.039	0.005	0.007	0.056	0.012	0.011	---	---	6
7	---	---	0 B	0.432	0.032	0.006	0.007	0.058	0.012	0.011	---	---	7
8	---	---	0 B	0.383	0.032	0.006	0.006	0.130	0.013	0.010	---	---	8
9	---	---	0.0018	0.374	0.035	0.006	0.006	0.190	0.012	0.009	---	---	9
10	---	---	0.0058	0.330	0.038	0.005	0.009	0.110	0.011	0.008	---	---	10
11	---	---	0.0108	0.333	0.023	0.004	0.010	0.098	0.011	0.010	---	---	11
12	---	---	0.0208	0.333	0.030	0.004	0.011	0.083	0.011	0.011	---	---	12
13	---	---	0.0408	0.312	0.029	0.004	0.012	0.072	0.012	0.012	---	---	13
14	---	---	0.0808	0.233	0.032	0.005	0.012	0.068	0.021	0.013	---	---	14
15	---	---	0.1008	0.194	0.032	0.005	0.013	0.061	0.020	0.011	---	---	15
16	---	---	1.68 B	0.153	0.018	0.005	0.013	0.061	0.015	0.008	---	---	16
17	---	---	3.38 B	0.137	0.014	0.004	0.015	0.061	0.013	0.009	---	---	17
18	---	---	4.87 B	0.117	0.013	0.004	0.016	0.067	0.012	0.011	---	---	18
19	---	---	6.46 B	0.116	0.013	0.003	0.020	0.061	0.011	0.010	---	---	19
20	---	---	3.83 B	0.095	0.011	0.003	0.032	0.037	0.011	0.009	---	---	20
21	---	---	3.80 B	0.088	0.011	0.003	0.038	0.033	0.011	0.008	---	---	21
22	---	---	1.88 B	0.070	0.010	0.003	0.034	0.034	0.013	0.009	---	---	22
23	---	---	1.83 B	0.100	0.009	0.003	0.034	0.052	0.013	0.008	---	---	23
24	---	---	1.19 B	0.101	0.009	0.003	0.033	0.033	0.012	0.008	---	---	24
25	---	0B	1.48 B	0.101	0.009	0.005	0.034	0.034	0.014	0.009	---	---	25
26	---	0B	0.8728	0.180	0.014	0.005	0.038	0.030	0.017	0.008	---	---	26
27	---	0B	0.8648	0.185	0.013	0.004	0.037	0.017	0.018	0.0058	---	---	27
28	---	0B	0.8878	0.180	0.009	0.004	0.038	0.014	0.017	0.0058	---	---	28
29	---		0.7138	0.148	0.008	0.004	0.038	0.013	0.013	0.0078	---	---	29
30	---		1.37 B	0.108	0.008	0.004	0.040	0.013	0.011	0.0058	---	---	30
31	---		2.23 B		0.008		0.042	0.013		0.0058		---	31
TOTAL	---	---	35.881	18.378	0.789	0.148	0.816	1.710	0.388	0.282	---	---	TOTAL
MEAN	---	---	1.16	0.809	0.025	0.005	0.030	0.055	0.013	0.009	---	---	MEAN
MAX	---	---	6.46	4.20	0.078	0.008	0.042	0.190	0.021	0.013	---	---	MAX
MIN	---	---	0	0.089	0.008	0.003	0.005	0.013	0.011	0.008	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.237
MAXIMUM DAILY, 6.460 ON MAR 19
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
6.990 AT 15:05 MST ON MAR 20

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 57 35 N
LONG 113 10 45 W
DRAINAGE AREA, 235 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	93.2
FEB	---	AUG	148
MAR	3 180	SEP	94.4
APR	1 980	OCT	35.3
MAY	66.4	NOV	---
JUN	12.8	DEC	---

TOTAL DISCHARGE, 5 630 dam³

WELCH CREEK TRIBUTARY NEAR LEEDALE - STATION NO. 05CC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0258	2.01 B	0.070	0.077	0.001	0.068	0.030	0.139	---	---	1
2	---	---	0.0158	2.54 B	0.067	0.070	0.001	0.066	0.032	0.140	---	---	2
3	---	---	0.0106	1.54 B	0.062	0.069	0.002	0.007	0.030	0.140	---	---	3
4	---	---	0.0085	0.7789	0.056	0.065	0.001	0.008	0.028	0.137	---	---	4
5	---	---	0.0088	0.5398	0.067	0.066	0.001	0.010	0.026	0.126	---	---	5
6	---	---	0.0088	0.6548	0.061	0.065	0.001	0.010	0.024	0.124	---	---	6
7	---	---	0.0108	0.5208	0.058	0.065	0.001	0.011	0.022	0.129	---	---	7
8	---	---	0.0158	0.4748	0.058	0.065	0.001	0.017	0.021	0.130	---	---	8
9	---	---	0.0208	0.825	0.064	0.065	0.001	0.020	0.020	0.124	---	---	9
10	---	---	0.0259	0.615	0.064	0.059	0.001	0.021	0.020	0.122	---	---	10
11	---	---	0.0308	0.589	0.064	0.060	0.001	0.022	0.020	0.121	---	---	11
12	---	---	0.0408	0.478	0.063	0.050	0.001	0.023	0.020	0.120	---	---	12
13	---	---	0.0508	0.422	0.061	0.047	0.001	0.024	0.331	0.118	---	---	13
14	---	---	0.0608	0.379	0.062	0.043	0.001	0.024	0.199	0.114	---	---	14
15	---	---	0.0758	0.301	0.048	0.030	0.001	0.026	0.158	0.115	---	---	15
16	---	---	0.1008	0.267	0.049	0.028	0.001	0.027	0.184	0.116	---	---	16
17	---	---	0.1508	0.250	0.048	0.027	0.001	0.027	0.182	0.109	---	---	17
18	---	---	0.2258	0.234	0.035	0.022	0.001	0.027	0.186	0.107	---	---	18
19	---	---	0.4508	0.208	0.043	0.021	0.001	0.026	0.191	0.091	---	---	19
20	---	---	0.6008	0.214	0.040	0.023	0.001	0.025	0.193	0.046	---	---	20
21	---	---	0.5918	0.206	0.037	0.023	0.001	0.032	0.187	0.066	---	---	21
22	---	---	0.4508	0.180	0.033	0.024	0.001	0.040	0.176	0.070	---	---	22
23	---	---	0.1808	0.175	0.032	0.022	0.003	0.046	0.172	0.039	---	---	23
24	---	---	0.2068	0.178	0.037	0.024	0.007	0.039	0.170	0.0308	---	---	24
25	---	---	0.2108	0.183	0.049	0.030	0.004	0.032	0.188	0.0298	---	---	25
26	---	---	0.2158	0.178	0.053	0.025	0.004	0.030	0.187	0.0288	---	---	26
27	---	---	0.2158	0.165	0.058	0.024	0.005	0.028	0.186	0.0258	---	---	27
28	---	---	0.1988	0.149	0.062	0.022	0.006	0.026	0.186	0.0208	---	---	28
29	---		0.1908	0.127	0.068	0.014	0.007	0.027	0.139	0.0358	---	---	29
30	---		0.2518	0.081	0.074	0.002	0.007	0.026	0.139	0.0478	---	---	30
31	---		0.5798		0.070		0.008	0.026		0.0478		---	31
TOTAL	---	---	5.191	15.181	1.715	1.231	0.074	0.725	3.812	2.805	---	---	TOTAL
MEAN	---	---	0.167	0.506	0.055	0.041	0.002	0.024	0.120	0.090	---	---	MEAN
MAX	---	---	0.600	2.54	0.074	0.077	0.008	0.046	0.331	0.140	---	---	MAX
MIN	---	---	0.008	0.081	0.033	0.002	0.001	0.008	0.020	0.020	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.125
MAXIMUM DAILY, 2.540 ON APR 2
MINIMUM DAILY, 0.001 ON JUL 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 13 N
LONG 114 35 59 W
DRAINAGE AREA, 53.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8.39
FEB	---	AUG	63.0
MAR	649	SEP	312
APR	1 310	OCT	242
MAY	148	NOV	---
JUN	106	DEC	---

TOTAL DISCHARGE, 2 540 dam³

WEST ARROWWOOD CREEK NEAR ARROWWOOD - STATION NO. 05BM014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.6418	0.532	0.180	0.018	0	0	0	0	0.007	---	1
2	---	0 B	0.2008	0.539	0.131	0.013	0	0	0	0	0.007	---	2
3	---	0 B	0.0508	0.564	0.108	0.012	0	0	0	0	0.006	---	3
4	---	0 B	0.0648	0.538	0.091	0.011	0	0	0	0	0.0058	---	4
5	---	0 B	0.1118	0.480	0.078	0.010	0	0	0	0	---	---	5
6	---	0 B	0.0348	0.481	0.070	0.010	0	0	0	0	---	---	6
7	---	0 B	0.0328	0.383	0.059	0.009	0	0	0	0	---	---	7
8	---	0 B	0.0168	0.326	0.054	0.008	0	0	0	0	---	---	8
9	---	0 B	0.0338	0.283	0.049	0.008	0	0	0	0.001	---	---	9
10	---	0 B	0.1598	0.249	0.046	0.008	0	0	0	0.002	---	---	10
11	---	0 B	0.3658	0.217	0.047	0.007	0	0	0	0.003	---	---	11
12	---	0 B	0.4778	0.192	0.081	0.006	0	0	0	0.004	---	---	12
13	---	0 B	1.30 B	0.176	0.085	0.009	0	0	0	0.004	---	---	13
14	---	0 B	3.85 B	0.162	0.046	0.010	0	0	0	0.004	---	---	14
15	---	0 B	5.15 B	0.152	0.039	0.007	0	0	0.001	0.004	---	---	15
16	---	0 B	5.57 B	0.137	0.034	0.005	0	0	0.002	0.005	---	---	16
17	---	0 B	7.75 B	0.128	0.028	0.004	0	0	0.001	0.005	---	---	17
18	---	0 B	12.1 B	0.117	0.026	0.004	0	0	0.002	0.006	---	---	18
19	---	0 B	11.6 B	0.121	0.024	0.003	0	0	0.003	0.006	---	---	19
20	---	0 B	11.5 B	0.144	0.024	0.003	0	0	0.003	0.005	---	---	20
21	---	0 B	12.2 B	0.139	0.022	0.003	0	0	0.001	0.005	---	---	21
22	---	0 B	7.40 B	0.122	0.018	0.004	0	0	0.001	0.005	---	---	22
23	---	0 B	3.30	0.112	0.016	0.005	0	0	0	0.004	---	---	23
24	---	0.2948	2.25 E	0.106	0.015	0.006	0	0	0	0.004	---	---	24
25	---	0.3968	1.50 E	0.130	0.020	0.004	0	0	0	0.004	---	---	25
26	---	0.3808	1.15 A	0.138	0.021	0.004	0	0	0	0.005	---	---	26
27	---	0.5258	0.922	0.128	0.019	0.003	0	0	0	0.005	---	---	27
28	---	0.7688	0.903	0.142	0.027	0.002	0	0	0	0.007	---	---	28
29	---		0.701	0.137	0.082	0	0	0	0	0.007	---	---	29
30	SE		0.637	0.140	0.038	0	0	0	0	0.007	---	---	30
31	SE		0.567		0.024		0	0		0.007		---	31
TOTAL	---	2.063	93.082	7.208	1.643	0.193	0	0	0.013	0.113	---	---	TOTAL
MEAN	---	0.085	3.97	0.240	0.050	0.006	0	0	0	0.004	---	---	MEAN
MAX	---	0.525	12.2	0.564	0.180	0.018	0	0	0.003	0.007	---	---	MAX
MIN	---	0	0.016	0.106	0.018	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.350
MAXIMUM DAILY, 12.20 ON MAR 21
MINIMUM DAILY, 0.0 ON FEB 1
MAXIMUM INSTANTANEOUS,
16.90 AT 20:01 MST ON MAR 21

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 50 N
LONG 113 14 00 W
DRAINAGE AREA, 775 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	230	AUG	0
MAR	7 950	SEP	1.12
APR	633	OCT	8.78
MAY	133	NOV	---
JUN	16.7	DEC	---

TOTAL DISCHARGE, 8 980 dam³

WEST ARROWWOOD CREEK NEAR ENSIGN - STATION NO. 05BN013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	0	0	0	0	---	1
2	---	---	---	---	---	---	---	0	0	0	0	---	2
3	---	---	---	---	---	---	---	0	0	0	0	---	3
4	---	---	---	---	---	---	---	0	0	0	0A	---	4
5	---	---	---	---	---	---	---	0	0	0	---	---	5
6	---	---	---	---	---	---	---	0	0	0	---	---	6
7	---	---	---	---	---	---	---	0	0	0	---	---	7
8	---	---	---	---	---	---	---	0	0	0	---	---	8
9	---	---	---	---	---	---	---	0	0	0	---	---	9
10	---	---	---	---	---	---	---	0	0	0	---	---	10
11	---	---	---	---	---	---	---	0	0	0	---	---	11
12	---	---	---	---	---	---	---	0	0	0	---	---	12
13	---	---	---	---	---	---	---	0	0	0	---	---	13
14	---	---	---	---	---	---	---	0	0	0	---	---	14
15	---	---	---	---	---	---	---	0	0	0	---	---	15
16	---	---	---	---	---	---	---	0	0	0	---	---	16
17	---	---	---	---	---	---	---	0	0	0	---	---	17
18	---	---	---	---	---	---	---	0	0	0	---	---	18
19	---	---	---	---	---	---	---	0	0	0	---	---	19
20	---	---	---	---	---	---	---	0	0	0	---	---	20
21	---	---	---	---	---	---	---	0	0	0	---	---	21
22	---	---	---	---	---	---	---	0	0	0	---	---	22
23	---	---	---	---	---	---	---	0	0	0	---	---	23
24	---	---	---	---	---	---	---	0	0	0	---	---	24
25	---	---	---	---	---	---	---	0	0	0	---	---	25
26	---	---	---	---	---	---	---	0	0	0	---	---	26
27	---	---	---	---	---	---	---	0	0	0	---	---	27
28	---	---	---	---	---	---	---	0	0	0	---	---	28
29	---		---	---	---	---	---	0	0	0	---	---	29
30	---		---	---	---	---	---	0	0	0	---	---	30
31	---		---		---		0A	0		0		---	31
TOTAL	---	---	---	---	---	---	---	0	0	0	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	0	0	0	---	---	MEAN
MAX	---	---	---	---	---	---	---	0	0	0	---	---	MAX
MIN	---	---	---	---	---	---	---	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0A ON JUL 31

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 30 50 N
LONG 113 30 35 W

A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	0
MAR	---	SEP	0
APR	---	OCT	0
MAY	---	NOV	---
JUN	---	DEC	---

WEST PRAIRIE RIVER NEAR HIGH PRAIRIE - STATION NO. 07BF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0808	0.0408	0.0388	1.048	21.8	3.86	4.48	0.178	0.257	6.63	3.29 B	0.2608	1
2	0.0788	0.0388	0.0408	1.788	25.5	3.78	3.89	0.167	0.178	7.21	3.38 B	0.2568	2
3	0.0858	0.0368	0.0338	2.958	42.3	3.48	3.07	0.161	0.230	8.48	3.27 B	0.2628	3
4	0.0858	0.0198	0.0358	3.698	52.5	3.07	2.84	0.227	0.274	5.97	3.13 B	0.2608	4
5	0.1088	0.0158	0.0248	3.958	42.7	2.68	2.11	0.188	0.321	5.78	3.26 B	0.2608	5
6	0.1008	0.0158	0.0188	3.728	33.8	2.38	1.73	0.110	0.277	5.14	2.17 B	0.2628	6
7	0.0708	0.0158	0.0248	3.698	26.3	2.18	1.47	0.094	0.180	4.78	2.08 B	0.2538	7
8	0.0488	0.0138	0.0338	3.128	21.1	2.08	1.88	0.093	0.181	4.40	1.98 B	0.2558	8
9	0.0308	0.0138	0.0438	3.458	18.2	2.47	1.07	0.191	0.288	4.17	1.85 B	0.2558	9
10	0.0788	0.0138	0.0358	5.648	17.9	2.11	0.788	0.207	0.333	3.88	1.83 B	0.2608	10
11	0.0608	0.0128	0.0308	10.4 B	15.9	2.04	0.708	0.154	0.278	3.77	1.73 B	0.2608	11
12	0.0858	0.0128	0.0258	13.7 B	15.7	1.78	0.604	0.140	0.322	3.72	1.68 B	0.2558	12
13	0.0858	0.0188	0.0408	21.4 B	15.6	1.48	0.485	0.127	0.818	3.68	1.88 B	0.2608	13
14	0.0808	0.0188	0.1138	41.6	14.1	1.32	0.411	0.198	0.881	4.01	1.47 B	0.2608	14
15	0.0858	0.0198	0.0808	45.9	11.8	1.48	0.378	0.414	2.80	8.12	1.38 B	0.2608	15
16	0.0858	0.0188	0.2628	37.0	10.0	1.48	0.357	0.514	5.03	8.28	1.11 B	0.2588	16
17	0.0408	0.0198	0.4388	32.4	8.57	1.18	0.317	1.74	4.82	13.8	1.00 B	0.2558	17
18	0.0558	0.0318	1.47 B	31.7	7.53	1.16	0.314	2.87	5.05	14.7	0.8808	0.2508	18
19	0.0568	0.0238	2.00 B	30.1	6.88	1.18	0.288	3.01	5.74	12.2	0.5008	0.2508	19
20	0.0618	0.0338	3.48 B	28.8	8.11	1.04	0.261	2.87	8.48	9.48	0.4188	0.2508	20
21	0.0518	0.0318	6.00 B	26.7	5.51	0.875	0.228	2.32	8.22	7.84	0.3708	0.2558	21
22	0.0458	0.0228	8.30 B	18.0	4.89	0.888	0.204	1.78	7.04	6.45	0.3508	0.2608	22
23	0.0458	0.0248	5.86 B	18.1	4.38	0.832	0.194	1.48	14.3	5.78	0.3208	0.2708	23
24	0.0458	0.0248	3.78 B	18.0	3.92	0.881	0.238	1.17	13.4	4.80	0.3108	0.2758	24
25	0.0488	0.0228	3.38 B	18.5	3.58	1.08	0.233	1.10	13.0	4.35	0.3008	0.2708	25
26	0.0618	0.0288	3.28 B	21.2	4.95	0.80	0.272	0.878	12.1	3.938	0.2808	0.2808	26
27	0.0508	0.0338	2.80 B	26.8	8.48	0.80	0.274	0.788	14.3	3.108	0.2708	0.2388	27
28	0.0508	0.0468	2.60 B	27.2	8.78	0.88	0.242	0.886	18.8	2.028	0.2888	0.2208	28
29	0.0508		2.48 B	27.1	8.18	8.73	0.288	0.480	16.1	2.218	0.2608	0.2188	29
30	0.0488		2.08 B	28.8	4.71	8.18	0.307	0.480	11.2	2.338	0.2888	0.2108	30
31	0.0408		1.87 B		4.31		0.311	0.418		2.388		0.2038	31
TOTAL	2.182	0.828	48.883	537.81	488.81	81.888	28.372	24.878	188.238	181.88	38.838	7.788	TOTAL
MEAN	0.088	0.022	1.81	17.8	15.1	2.72	0.847	0.788	8.21	5.87	1.18	0.258	MEAN
MAX	0.188	0.048	8.88	45.8	52.5	8.88	4.48	3.81	18.8	14.7	2.28	0.278	MAX
MIN	0.848	0.812	0.818	1.84	3.58	0.832	0.184	0.883	0.178	2.82	0.288	0.285	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.31
MAXIMUM DAILY, 52.5 ON MAY 4
MINIMUM DAILY, 0.0128 ON FEB 11
MAXIMUM INSTANTANEOUS,
53.0 AT 00:30 MST ON MAY 4

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 28 50 N
LONG 116 28 30 W
DRAINAGE AREA, 1 180 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	188	JUL	2 848
FEB	84.8	AUG	2 138
MAR	4 888	SEP	13 888
APR	48 488	OCT	18 788
MAY	48 888	NOV	3 878
JUN	7 888	DEC	878

TOTAL DISCHARGE, 138 888 dam³

WESTERN IRRIGATION DISTRICT CANAL "B" NEAR HEADGATE - STATION NO. 08NM017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.184	0.523	6.75	10.6	7.78	5.75	3.22	0	---	1
2	---	---	---	0.150	1.80	6.83	10.6	7.83	5.77	1.86	0	---	2
3	---	---	---	0.150	1.82	6.91	11.6	7.84	5.78	1.72	0	---	3
4	---	---	---	0.149	1.76	6.98	11.8	7.92	5.78	0.858	0	---	4
5	---	---	---	0.148	1.93	7.06	11.5	8.03	5.79	0.006	0A	---	5
6	---	---	---	0.140	2.13	7.10	11.3	8.09	5.79	0.006	---	---	6
7	---	---	---	0.133	2.17	7.11	11.5	8.21	5.79	0.003	---	---	7
8	---	---	---	0.113	2.53	7.12	11.3	8.06	5.78	0.004	---	---	8
9	---	---	---	0.106	2.85	7.12	11.4	7.83	5.78	0.007	---	---	9
10	---	---	---	0.102	3.14	7.13	11.4	7.80	5.78	0.005	---	---	10
11	---	---	---	0.095	3.16	7.13	11.8	7.87	5.87	0.003	---	---	11
12	---	---	---	0.093	3.18	7.46	12.1	7.45	6.37	0.002	---	---	12
13	---	---	---	0.092	3.18	7.78	12.7	7.08	9.25	0.002	---	---	13
14	---	---	---	0.092	3.33	8.23	13.3	7.18	8.44	0.002	---	---	14
15	---	---	---	0.091	3.53	8.87	12.9	7.37	3.95	0.004	---	---	15
16	---	---	---	0.090	3.61	8.72	12.8	7.50	3.87	0 A	---	---	16
17	---	---	---	0.089	3.67	8.89	12.4	7.83	3.37	0	---	---	17
18	---	---	---	0.087	3.78	9.95	13.1	7.89	2.54	0	---	---	18
19	---	---	---	0.087	3.76	10.5	11.3	7.00	2.61	0	---	---	19
20	---	---	---	0.087	4.61	11.3	11.1	6.46	2.62	0	---	---	20
21	---	---	---	0.088	5.46	11.4	12.5	5.95	2.60	0	---	---	21
22	---	---	---	0.084	6.20	11.1	13.9	6.26	2.57	0	---	---	22
23	---	---	---	0.084	6.66	10.5	13.8	5.61	2.55	0	---	---	23
24	---	---	---	0.083	7.13	10.2	10.4	5.64	2.53	0	---	---	24
25	---	---	---	0.081	7.17	10.1	8.46	5.65	2.51	0	---	---	25
26	---	---	---	0.082	7.03	10.2	8.17	5.65	2.50	0	---	---	26
27	---	---	---	0.081	6.76	10.3	8.41	5.68	2.48	0	---	---	27
28	---	---	0.193A	0.080	6.62	10.3	8.59	5.70	2.47	0	---	---	28
29	---		0.186	0.079	6.50	10.3	8.43	5.72	2.45	0	---	---	29
30	---		0.178	0.078	6.54	10.4	8.05	5.74	2.40	0	---	---	30
31	---		0.169		6.65		7.72	5.74		0		---	31
TOTAL	---	---	---	3.045	128.853	283.75	341.72	215.20	129.75	6.502	---	---	TOTAL
MEAN	---	---	---	0.102	4.16	9.79	11.0	6.97	4.33	0.210	---	---	MEAN
MAX	---	---	---	0.193	7.17	11.6	13.9	8.21	9.25	3.22	---	---	MAX
MIN	---	---	---	0.078	0.523	6.75	7.72	5.61	2.40	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 13.3 ON JUL 14
MINIMUM DAILY, 0A ON OCT 16
MAXIMUM INSTANTANEOUS
14.1 AT 07:50 MST ON JUL 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 03 41 N
LONG 113 49 03 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL 28 500	
FEB	---	AUG 18 700	
MAR	---	SEP 11 200	
APR	283	OCT 562	
MAY 11 100		NOV ---	
JUN 22 800		DEC ---	

WESTERN IRRIGATION DISTRICT CANAL NEAR CHESTERMERE LAKE - STATION NO. 05BM003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.160	0.187	13.9	33.6	30.5	8.57	0.883	0.073	---	1
2	---	---	---	0.172	4.40	13.6	32.8	30.5	8.48	0.612	0.071	---	2
3	---	---	---	0.134	10.1	14.2	30.6	30.7	8.49	0.205	0.071	---	3
4	---	---	---	0.135	11.0	14.8	31.3	30.8	8.54	0.173	0.068	---	4
5	---	---	---	0.184	13.7	15.6	31.9	30.5	9.04	0.145	0.065A	---	5
6	---	---	---	0.183	11.6	14.8	32.3	30.3	9.72	0.136	0 E	---	6
7	---	---	---	0.164	9.03	14.4	32.3	30.5	9.43	0.144	0 E	---	7
8	---	---	---	0.158	6.78	15.4	33.2	30.6	7.87	0.166	0 E	---	8
9	---	---	---	0.246	5.27	14.1	33.7	30.6	7.51	0.138	0 E	---	9
10	---	---	---	0.230	8.07	13.0	34.3	30.6	8.33	0.134	0 E	---	10
11	---	---	---	0.213	10.6	14.7	34.4	30.4	8.83	0.138	0 E	---	11
12	---	---	---	0.181	8.05	16.2	35.3	30.4	18.2	0.119	0 E	---	12
13	---	---	---	0.300	7.01	17.1	36.4	18.8	13.9	0.111	0 E	---	13
14	---	---	---	0.231	6.83	21.4	35.7	30.1	6.56	0.108	0 E	---	14
15	---	---	---	0.284	6.87	18.1	35.2	21.8	3.86	0.105	0 E	---	15
16	---	---	---	0.403	7.22	18.1	34.7	30.5	3.03	0.158	0 E	---	16
17	---	---	---	0.287	7.88	18.0	35.2	17.5	6.86	0.136	0 E	---	17
18	---	---	---	0.304	8.70	18.8	35.3	14.4	8.16	0.112	0 E	---	18
19	---	---	---	0.314	9.19	22.4	33.1	8.40	8.14	0.105	0 E	---	19
20	---	---	---	1.39	11.3	24.2	31.9	11.8	2.89	0.098	0 E	---	20
21	---	---	---	0.777	14.3	23.0	34.1	13.4	1.75	0.094	0 E	---	21
22	---	---	---	0.678	14.5	18.4	33.7	15.2	3.84	0.091	0 E	---	22
23	---	---	---	0.465	14.5	14.5	33.6	13.8	3.70	0.086	0 E	---	23
24	---	---	---	0.325	14.7	21.8	32.7	13.3	3.72	0.083	0 E	---	24
25	---	---	---	0.241	14.2	30.5	31.2	11.8	3.88	0.080	0 E	---	25
26	---	---	---	0.453	11.8	30.5	32.6	10.8	4.18	0.080	0 E	---	26
27	---	---	---	0.301	11.1	30.5	32.6	10.4	4.13	0.080	0 E	---	27
28	---	---	0.1498	0.212	13.1	30.3	32.1	10.3	3.81	0.078	0 E	---	28
29	---		0.183	0.202	11.3	31.3	31.8	8.10	1.70	0.100	0 E	---	29
30	---		0.140	0.181	14.6	33.2	31.1	8.87	1.38	0.085	0 E	---	30
31	---		0.124		14.8		30.3	8.51		0.078		---	31
TOTAL	---	---	---	9.338	301.817	537.8	718.5	505.85	187.30	4.847	0.348	---	TOTAL
MEAN	---	---	---	0.304	9.73	17.9	33.1	16.4	6.24	0.150	0.012	---	MEAN
MAX	---	---	---	1.39	14.7	34.3	36.4	21.8	18.2	0.883	0.073	---	MAX
MIN	---	---	---	0.124	0.187	13.0	30.3	8.40	1.38	0.078	0	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.28
MAXIMUM DAILY, 36.4 ON JUL 13
MINIMUM DAILY, 0E ON NOV 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 01 00 N
LONG 113 50 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1908

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL 81 800	
FEB	---	AUG 63 800	
MAR	---	SEP 16 200	
APR	799	OCT 402	
MAY 28 100		NOV 30.1	
JUN 45 900		DEC ---	

TOTAL DISCHARGE, 158 900 dam³

WHIRLPOOL RIVER NEAR THE MOUTH - STATION NO 07AA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.78	38.3	55.7	41.2	16.6	7.13	3.778	---	1
2	---	---	---	---	2.19	38.9	50.8	44.8	15.2	7.00	3.638	---	2
3	---	---	---	---	4.33	43.6	51.5	43.9	14.7	6.80	3.368	---	3
4	---	---	---	---	5.33	44.3	56.3	46.2	14.5	6.28	3.058	---	4
5	---	---	---	---	4.41	43.0	52.2	39.6	16.3	6.07	2.858	---	5
6	---	---	---	---	3.89	36.8	56.8	34.2	15.8	5.81	3.008	---	6
7	---	---	---	---	3.49	33.1	49.8	36.0	12.7	5.34	2.708	---	7
8	---	---	---	---	3.66	31.6	50.5	35.9	11.1	4.84	3.458	---	8
9	---	---	---	---	3.81	36.7	53.8	32.9	10.7	5.22	3.258	---	9
10	---	---	---	---	4.01	23.6	59.0	28.7	11.3	5.02	2.188	---	10
11	---	---	---	---	3.87	30.3	58.7	27.2	13.3	5.01	2.118	---	11
12	---	---	---	---	3.48	33.3	53.4	26.1	14.9	4.74	2.108	---	12
13	---	---	---	---	3.38	29.7	43.3	22.1	23.1	4.87	3.078	---	13
14	---	---	---	---	3.39	30.8	37.1	21.4	19.1	4.70	3.138	---	14
15	---	---	---	---	3.54	40.0	40.4	26.6	16.1	4.96	2.218	---	15
16	---	---	---	---	4.42	31.0	41.1	22.7	15.7	5.36	2.308	---	16
17	---	---	---	---	7.43	26.3	39.4	23.3	14.8	5.66	---	---	17
18	---	---	---	---	14.0	29.6	36.9	25.9	13.9	5.15	---	---	18
19	---	---	---	---	22.7	42.8	37.5	27.4	12.1	5.48	---	---	19
20	---	---	---	---	31.6	49.4	40.7	28.4	11.0	5.21	---	---	20
21	---	---	---	---	36.9	39.4	45.2	22.9	10.9	5.79	---	---	21
22	---	---	---	---	43.0	33.5	46.6	20.9	10.3	5.89	---	---	22
23	---	---	---	---	48.7	26.3	53.6	22.8	9.39	5.47	---	---	23
24	---	---	---	---	52.5	25.4	62.3	29.0	8.98	5.10	---	---	24
25	---	---	---	1.69A	56.2	22.5	38.2	31.3	8.81	4.87	---	---	25
26	---	---	---	1.70	43.3	23.3	38.6	24.9	8.72	4.628	---	---	26
27	---	---	---	1.72	34.5	26.8	34.3	23.1	8.46	4.418	---	---	27
28	---	---	---	1.70	31.7	30.3	33.1	23.6	7.76	4.308	---	---	28
29	---		---	1.69	36.6	46.9	24.0	24.0	7.46	4.188	---	---	29
30	---		---	1.66	41.2	64.7	36.1	23.0	7.24	4.138	---	---	30
31	---		---		36.3		38.3	18.4		3.958	---	---	31
TOTAL	---	---	---	---	597.69	1 033.1	1 407.2	900.5	378.75	165.04	---	---	TOTAL
MEAN	---	---	---	---	19.3	34.4	45.4	29.0	12.6	5.32	---	---	MEAN
MAX	---	---	---	---	56.2	64.7	62.2	46.3	23.1	7.13	---	---	MAX
MIN	---	---	---	---	1.78	20.3	33.1	18.4	7.24	3.95	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.4
MAXIMUM DAILY, 64.7 ON JUN 30
MINIMUM DAILY, 1.78 ON MAY 1
MAXIMUM INSTANTANEOUS,
70.2 AT 11:50 MST ON JUN 30

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 43 39 N
LONG 117 55 29 W
DRAINAGE AREA, 998 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	122 000
FEB	---	AUG	77 800
MAR	---	SEP	32 700
APR	---	OCT	14 300
MAY	51 600	NOV	---
JUN	89 300	DEC	---

TOTAL DISCHARGE, 388 000 dam³

WHISKEYJACK CREEK NEAR HINTON - STATION NO 07AB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.002E	0.012	0.031	0.042	0.004	0.007	0.013	---	---	1
2	---	---	---	0.002E	0.008	0.022	0.036	0.004	0.007	0.013	---	---	2
3	---	---	---	0.002E	0.007	0.020	0.032	0.004	0.006	0.013	---	---	3
4	---	---	---	0.002E	0.010	0.018	0.026	0.004	0.006	0.013	---	---	4
5	---	---	---	0.002E	0.012	0.018	0.022	0.003	0.007	0.013	---	---	5
6	---	---	---	0.002E	0.012	0.020	0.020	0.003	0.009	0.011	---	---	6
7	---	---	---	0.002E	0.013	0.019	0.018	0.005	0.009	0.011	---	---	7
8	---	---	---	0.002E	0.010	0.021	0.017	0.014	0.009	0.011	---	---	8
9	---	---	---	0.002E	0.008	0.020	0.016	0.014	0.009	0.010	---	---	9
10	---	---	---	0.002E	0.008	0.018	0.013	0.015	0.010	0.010	---	---	10
11	---	---	---	0.002E	0.005	0.018	0.012	0.010	0.009	0.012	---	---	11
12	---	---	---	0.002E	0.005	0.015	0.012	0.015	0.024	0.012	---	---	12
13	---	---	---	0.002E	0.005	0.016	0.011	0.013	0.074	0.012	---	---	13
14	---	---	---	0.002E	0.006	0.015	0.010	0.011	0.036	0.012	---	---	14
15	---	---	---	0.002E	0.008	0.014	0.010	0.028	0.026	0.013	---	---	15
16	---	---	---	0.002E	0.008	0.013	0.009	0.039	0.022	0.014	---	---	16
17	---	---	---	0.003A	0.007	0.012	0.008	0.017	0.026	0.013	---	---	17
18	---	---	---	0.003	0.007	0.011	0.008	0.012	0.026	0.013	---	---	18
19	---	---	---	0.004	0.007	0.010	0.007	0.010	0.024	0.013	---	---	19
20	---	---	---	0.004	0.007	0.010	0.007	0.022	0.022	0.013	---	---	20
21	---	---	---	0.005	0.007	0.009	0.008	0.023	0.020	0.013	---	---	21
22	---	---	---	0.007	0.007	0.011	0.008	0.017	0.019	0.013	---	---	22
23	---	---	---	0.009	0.007	0.027	0.007	0.013	0.019	0.012	---	---	23
24	---	---	---	0.011	0.007	0.115	0.007	0.011	0.018	0.013	---	---	24
25	---	---	---	0.012	0.022	0.119	0.006	0.010	0.018	0.011	---	---	25
26	---	---	---	0.013	0.021	0.067	0.006	0.009	0.017	0.011	---	---	26
27	---	---	---	0.012	0.018	0.039	0.005	0.008	0.018	0.010	---	---	27
28	---	---	---	0.012	0.019	0.042	0.005	0.008	0.018	0.010	---	---	28
29	---		---	0.013	0.022	0.053	0.005	0.007	0.018	0.010A	---	---	29
30	---		---	0.015	0.023	0.047	0.004	0.007	0.014	0.010E	---	---	30
31	---		---		0.022		0.004	0.007		0.010E		---	31
TOTAL	---	---	---	0.155	0.334	0.928	0.389	0.355	0.540	0.384	---	---	TOTAL
MEAN	---	---	---	0.005	0.011	0.031	0.013	0.011	0.018	0.012	---	---	MEAN
MAX	---	---	---	0.015	0.023	0.119	0.042	0.039	0.074	0.014	---	---	MAX
MIN	---	---	---	0.002	0.005	0.009	0.004	0.003	0.006	0.010	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.014
MAXIMUM DAILY, 0.119 ON JUN 25
MINIMUM DAILY, 0.002E ON APR 1
MAXIMUM INSTANTANEOUS,
0.175 AT 23:10 MST ON JUN 24

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 22 50 N
LONG 117 32 15 W
DRAINAGE AREA, 3.13 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	36.5
FEB	---	AUG	30.7
MAR	---	SEP	46.7
APR	13.4	OCT	31.6
MAY	28.9	NOV	---
JUN	80.2	DEC	---

TOTAL DISCHARGE, 288 dam³

WHITE EARTH CREEK NEAR SMOKEY LAKE - STATION NO 05EC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.200E	0.900E	4.13	0.385	0.848	0.004E	0.016	0.320	0.439E	---	1
2	---	---	0.200E	1.52 E	3.75	0.341	0.719	0.004E	0.076	0.261	0.344E	---	2
3	---	---	0.200E	2.21 E	3.45	0.310	0.654	0.004E	0.024	0.266	0.296E	---	3
4	---	---	0.200E	2.57 E	3.34	0.293	0.585	0.004E	0.009	0.258	0.258E	---	4
5	---	---	0.200E	3.77 E	3.23	0.256	0.511	0.004E	0.011	0.266	0.219E	---	5
6	---	---	0.200E	4.28 E	3.05	0.212	0.456	0.004E	0.003	0.250	0.179E	---	6
7	---	---	0.200E	4.16 E	3.01	0.197	0.391	0.004E	0.001	0.277	---	---	7
8	---	---	0.200E	4.05 E	2.92	0.171	0.381	0.004E	0.002	0.316	---	---	8
9	---	---	0.200E	5.94 E	2.85	0.158	0.258	0.004E	0.001E	0.345	---	---	9
10	---	---	0.200E	6.95	2.50	0.158	0.217	0.004E	0.001E	0.362	---	---	10
11	---	---	0.200E	5.68	2.33	0.177	0.158	0.004E	0.001	0.380	---	---	11
12	---	---	0.200E	5.88	2.05	0.116	0.153	0.004E	0.003	0.405	---	---	12
13	---	---	0.200E	5.33	1.93	0.126	0.137	0.155	0.007	0.463	---	---	13
14	---	---	0.200E	5.00	1.81	0.106	0.093	0.056	0.002	0.480	---	---	14
15	---	---	0.200E	5.74	1.80	0.230	0.073	0.029	0.001E	0.501	---	---	15
16	---	---	0.203E	5.36	1.43	0.140	0.053	0.008	0.004	0.498	---	---	16
17	---	---	0.205E	4.83	1.41	0.113	0.014	0.004	0.009	0.481	---	---	17
18	---	---	0.210E	4.44	1.22	0.107	0.489	0.001	0.001	0.448	---	---	18
19	---	---	0.220E	4.11	1.05	0.056	0.242	0.003	0.001E	0.578	---	---	19
20	---	---	0.230E	3.97	0.894	0.016	0.093	0.010	0.001E	0.573	---	---	20
21	---	---	0.245E	3.86	0.722	0.015	0.034	0.005	0.001E	0.573	---	---	21
22	---	---	0.273E	3.75	0.612	0.017	0.021	0.005E	0.003	0.564	---	---	22
23	---	---	0.301E	3.63	0.499	0.016	0.007	0.005E	0.005	0.458	---	---	23
24	---	---	0.329E	3.35	0.469	0.381	0.028	0.005E	0.005	0.458	---	---	24
25	---	---	0.357E	3.33	0.575	0.387	0.056	0.005E	0.053	0.387	---	---	25
26	---	---	0.385E	3.44	0.670	0.670	0.013	0.005E	0.049	0.331	---	---	26
27	---	0.184E	0.430E	4.00	0.566	0.623	0.028	0.005E	0.053	0.4018	---	---	27
28	---	0.196E	0.480E	4.23	0.525	0.634	0.004	0.301	0.048	0.5158	---	---	28
29	---		0.550E	4.27	0.711	0.515	0.004	0.521	0.045	0.4708	---	---	29
30	---		0.650E	4.47	0.822	0.629	0.003	0.305	0.384	0.4338	---	---	30
31	---		0.760E		0.671		0.004E	0.068		0.4308		---	31
TOTAL	---	---	8.838	139.630	55.149	7.496	8.507	1.444	0.889	13.837	---	---	TOTAL
MEAN	---	---	0.285	4.32	1.78	0.250	0.210	0.047	0.030	0.414	---	---	MEAN
MAX	---	---	0.760	6.95	4.13	0.670	0.719	0.521	0.384	0.573	---	---	MAX
MIN	---	---	0.200	0.900	0.671	0.016	0.003	0.001	0.001	0.250	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.989
MAXIMUM DAILY, 6.95 ON APR 10
MINIMUM DAILY, 0.001 ON AUG 18
MAXIMUM INSTANTANEOUS,
10.3E AT 13:59 MST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

E - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	582
FEB	---	AUG	135
MAR	784	SEP	75.8
APR	11 200	OCT	1 110
MAY	4 780	NOV	---
JUN	648	DEC	---

TOTAL DISCHARGE, 18 500 dam³

WHITEHORSE CREEK NEAR CADOMIN - STATION NO. 07AF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.174E	3.49	5.88	0.918	1.78	1.98	---	---	1
2	---	---	---	---	0.157E	3.85	5.04	0.944	1.76	1.89	---	---	2
3	---	---	---	---	0.342E	4.25	4.80	1.05	1.73	1.51	---	---	3
4	---	---	---	---	0.327E	4.68	4.38	0.996	1.70	1.45	---	---	4
5	---	---	---	---	0.412E	4.37	4.12	0.930	1.97	1.48	---	---	5
6	---	---	---	---	0.482	3.75	3.45	0.855	1.85	1.35	---	---	6
7	---	---	---	---	0.508E	3.39	3.17	1.08	1.78	1.39	---	---	7
8	---	---	---	---	0.519E	3.11	3.10	2.85	1.77	1.38	---	---	8
9	---	---	---	---	0.538E	2.87	3.06	3.88	1.87	1.35	---	---	9
10	---	---	---	---	0.540E	2.22	2.88	2.86	2.47	1.18	---	---	10
11	---	---	---	---	0.550E	2.05	2.84	3.30	3.83	0.980	---	---	11
12	---	---	---	---	0.561E	2.81	3.33	4.82	5.07	0.900E	---	---	12
13	---	---	---	---	0.671E	2.72	3.02	4.30	6.88	0.938E	---	---	13
14	---	---	---	---	0.662E	2.65	1.81	5.14	5.78	0.958E	---	---	14
15	---	---	---	---	0.553	2.88	1.74	6.01	5.78	0.984E	---	---	15
16	---	---	---	---	0.672	2.31	1.86	6.85	4.83	1.01 E	---	---	16
17	---	---	---	0.232E	2.28	2.39	1.56	7.49	4.06	1.04	---	---	17
18	---	---	---	0.301E	2.86	3.30	1.80	6.89	3.43	0.990E	---	---	18
19	---	---	---	---	5.08	3.93	1.46	5.88	3.00	0.940E	---	---	19
20	---	---	---	---	5.08	3.53	1.43	5.11	2.71	0.890E	---	---	20
21	---	---	---	---	4.78	3.07	1.60	4.67	2.67	0.840E	---	---	21
22	---	---	---	---	5.14	3.86	1.41	4.69	2.32	0.780E	---	---	22
23	---	---	---	---	5.13	3.80	1.43	4.85	2.05	0.740E	---	---	23
24	---	---	---	---	4.70	3.77	1.39	4.24	1.91	0.680E	---	---	24
25	---	---	---	0.191E	3.81	3.24	1.28	3.83	1.85	0.640E	---	---	25
26	---	---	---	---	3.18	5.54	1.21	3.06	1.86	0.590E	---	---	26
27	---	---	---	---	3.26	6.61	1.14	2.68	1.70	0.540E	---	---	27
28	---	---	---	---	4.01	8.37	1.08	2.36	1.70	0.490E	---	---	28
29	---		---	---	4.83	9.38	1.05	2.18	1.58	0.440E	---	---	29
30	---		---	---	4.51	7.39	0.983	2.04	1.66	0.390	---	---	30
31	---		---		5.03		0.951	1.91		0.340E		---	31
TOTAL	---	---	---	---	71.394	116.88	71.304	110.015	68.73	28.738	---	---	TOTAL
MEAN	---	---	---	---	2.30	3.90	2.30	3.55	2.29	0.927	---	---	MEAN
MAX	---	---	---	---	5.14	9.38	5.88	8.01	6.88	1.98	---	---	MAX
MIN	---	---	---	---	0.157	2.05	0.951	0.855	1.58	0.340	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.85
MAXIMUM DAILY, 9.38 ON JUN 29
MINIMUM DAILY, 0.157E ON MAY 2
MAXIMUM INSTANTANEOUS,
12.8 AT 20:04 MST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 58 00 N
LONG 117 20 40 W
DRAINAGE AREA, 114 km²

E - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 180
FEB	---	AUG	9 510
MAR	---	SEP	7 080
APR	---	OCT	3 570
MAY	8 180	NOV	---
JUN	10 300	DEC	---

TOTAL DISCHARGE, 43 200 dam³

WHITEMUD CREEK (WEST BRANCH) NEAR IRETON - STATION NO 05DF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.89 B	0.100	0	0	0	0	0	0	---	1
2	---	---	0 B	5.20	0.082	0	0	0	0	0	0	---	2
3	---	---	0 B	2.71	0.067	0	0	0	0	0	0	---	3
4	---	---	0 B	1.23	0.054	0	0	0	0	0	0A	---	4
5	---	---	0 B	0.803	0.038	0	0	0	0	0	---	---	5
6	---	---	0 B	0.660	0.029	0	0	0	0	0	---	---	6
7	---	---	0 B	0.554	0.025	0	0	0	0	0	---	---	7
8	---	---	0 B	0.467	0.023	0	0	0	0	0	---	---	8
9	---	---	0 B	0.410	0.020	0	0	0	0	0	---	---	9
10	---	---	0 B	0.354	0.018	0	0	0	0	0	---	---	10
11	---	---	0 B	0.293	0.016	0	0	0	0	0	---	---	11
12	---	---	0 B	0.246	0.013	0	0	0	0	0	---	---	12
13	---	---	0 B	0.191	0.010	0	0	0	0	0	---	---	13
14	---	---	0 B	0.145	0.007	0	0	0	0	0	---	---	14
15	---	---	0 B	0.102	0.003	0	0	0	0	0	---	---	15
16	---	---	0.0218	0.073	0.001	0	0	0	0	0	---	---	16
17	---	---	1.02 B	0.058	0	0	0	0	0	0	---	---	17
18	---	---	2.07 B	0.046	0	0	0	0	0	0	---	---	18
19	---	---	3.38 B	0.034	0	0	0	0	0	0	---	---	19
20	---	---	2.91 B	0.025	0	0	0	0	0	0	---	---	20
21	---	---	2.92 B	0.025	0	0	0	0	0	0	---	---	21
22	---	---	2.45 B	0.015	0	0	0	0	0	0	---	---	22
23	---	---	3.66 B	0.010	0	0	0	0	0	0	---	---	23
24	---	---	2.80 B	0.156	0	0	0	0	0	0	---	---	24
25	---	---	0.6858	0.347	0	0	0	0	0	0	---	---	25
26	---	---	0.4608	0.348	0	0	0	0	0	0	---	---	26
27	---	---	0.3308	0.296	0	0	0	0	0	0	---	---	27
28	---	---	0.3108	0.218	0	0	0	0	0	0	---	---	28
29	---		0.3208	0.158	0	0	0	0	0	0	---	---	29
30	---		0.4008	0.119	0	0	0	0	0	0	---	---	30
31	---		0.5508		0		0	0		0		---	31
TOTAL	---	---	23.448	18.256	0.505	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.756	0.609	0.016	0	0	0	0	0	---	---	MEAN
MAX	---	---	3.38	5.20	0.100	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.015	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.172
MAXIMUM DAILY, 5.20 ON APR 2
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
5.75 AT 05:00 MST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 13 30 N
LONG 113 41 23 W
DRAINAGE AREA, 63.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	2 030	SEP	0
APR	1 590	OCT	0
MAY	43.6	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 650 dam³

WHITEMUD CREEK NEAR ELLERSLIE - STATION NO 05DF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	22.0 B	0.882	0.024	0.010	0	0.015	0.005E	0.0788	---	1
2	---	---	0 B	35.0	0.771	0.024	0.011	0	0.012	0.011	0.0808	---	2
3	---	---	0 B	26.5	0.618	0.022	0.008	0	0.009	0.028	0.0808	---	3
4	---	---	0 B	14.9	0.505	0.020	0.0048	0	0.005	0.019	0.0798	---	4
5	---	---	0 B	9.82	0.551	0.028	0.003E	0	0.004	0.013	---	---	5
6	---	---	0.0508	7.79	0.433	0.026	0.003E	0	0.004	0.008	---	---	6
7	---	---	0.0508	6.01	0.352	0.009	0.002E	0	0.010	0.002	---	---	7
8	---	---	0.0608	4.77	0.311	0.004	0.001E	0.002	0.004	0.004	---	---	8
9	---	---	0.0808	3.96	0.262	0.031	0.001E	0.003	0.004	0.005	---	---	9
10	---	---	0.1008	3.33	0.259	0.005	0.004	0.001E	0.001	0.002	---	---	10
11	---	---	0.1008	2.88	0.222	0.003E	0.001	0.001E	0.001E	0.002E	---	---	11
12	---	---	0.1008	3.44	0.216	0.001E	0.025	0.001	0.001E	0.001E	---	---	12
13	---	---	0.1008	2.16	0.209	0.006	0.015	0.004	0.011	0.001E	---	---	13
14	---	---	0.1308	1.78	0.187	0.010	0.004	0.004	0.010	0.002	---	---	14
15	---	---	0.1508	1.48	0.115	0.016	0.003E	0.037	0.003	0.009	---	---	15
16	---	---	0.1508	1.16	0.101	0.010	0.001E	0.058	0.001	0.006	---	---	16
17	---	---	0.2008	1.00	0.084	0.003	0.001E	0.157	0.005	0.004	---	---	17
18	---	---	0.2508	0.640	0.060	0.003E	0.001E	0.143	0.002	0.004	---	---	18
19	---	---	1.04 B	0.753	0.045	0.001E	0.002	0.112	0.001E	0.004	---	---	19
20	---	---	4.23 B	0.895	0.041	0.001E	0.001	0.100	0.001E	0.003E	---	---	20
21	---	---	5.02 B	0.677	0.037	0.001E	0.001E	0.081	0.001E	0.001E	---	---	21
22	---	---	5.74 B	0.670	0.017	0.001E	0.001E	0.085	0.003E	0.001E	---	---	22
23	---	---	5.01 B	0.731	0.008	0.050	0	0.085	0.003E	0.001E	---	---	23
24	---	---	5.15 B	0.855	0.005	0.083	0	0.089	0.003E	0.001E	---	---	24
25	---	---	5.33 B	1.38	0.008	0.174	0	0.082	0.001E	0.003E	---	---	25
26	---	---	5.84 B	3.87	0.008	0.153	0	0.050	0.003E	0.0259	---	---	26
27	---	---	4.84 B	3.48	0.005	0.133	0	0.041	0.003E	0.0368	---	---	27
28	---	---	4.04 B	3.32	0.015	0.082	0	0.024	0.007	0.0518	---	---	28
29	---		3.57 B	1.81	0.023	0.043	0	0.017	0.013	0.0718	---	---	29
30	---		3.87 B	1.31	0.033	0.031	0	0.015	0.005E	0.0738	---	---	30
31	---		11.4 B		0.024		0	0.020		0.0708		---	31
TOTAL	---	---	70.220	183.983	6.571	0.983	0.105	1.142	0.148	0.488	---	---	TOTAL
MEAN	---	---	2.27	6.47	0.212	0.033	0.003	0.037	0.005	0.016	---	---	MEAN
MAX	---	---	11.4	35.0	0.882	0.174	0.025	0.143	0.013	0.075	---	---	MAX
MIN	---	---	0	0.640	0.005	0.001	0	0	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.994
MAXIMUM DAILY, 35.0 ON APR 2
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
39.7 AT 16:05 MST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 44 N
LONG 113 35 30 W
DRAINAGE AREA, 335 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9.07
FEB	---	AUG	98.7
MAR	5 070	SEP	12.8
APR	16 200	OCT	40.5
MAY	666	NOV	---
JUN	85.8	DEC	---

TOTAL DISCHARGE, 21 100 dam³

WHITEMUD RIVER NEAR DIXONVILLE - STATION NO. 07HA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2198	0.1468	0.1448	0.5408	5.12	3.70	0.54	0.563	0.434	5.08	1.70 B	0.1288	1
2	0.2158	0.1368	0.1098	1.15 B	5.00	3.88	0.51	0.579	0.511	4.91	1.59 B	0.1108	2
3	0.2178	0.1268	0.0848	2.67 B	5.46	3.46	0.78	0.567	0.730	4.80	1.50 B	0.1068	3
4	0.2168	0.1188	0.0778	4.67 B	5.10	3.12	0.82	0.586	0.785	4.16	1.30 B	0.0978	4
5	0.2158	0.1108	0.0788	5.31 B	16.8	3.22	3.19	0.587	0.783	3.82	1.15 B	0.0898	5
6	0.2158	0.1048	0.0808	4.95 B	23.4	3.08	3.59	0.529	0.815	3.72	1.05 B	0.1048	6
7	0.2148	0.0988	0.0858	5.53 B	25.8	2.73	3.16	0.490	0.861	3.65	0.9548	0.1048	7
8	0.2138	0.0948	0.0838	4.95 B	23.9	2.35	2.19	0.472	0.903	3.60	0.8928	0.0958	8
9	0.2128	0.0928	0.0848	5.86 B	22.3	2.11	1.85	0.448	0.885	3.47	0.8708	0.0978	9
10	0.2118	0.0908	0.0788	6.53 B	21.3	1.93	1.48	0.412	0.880	3.33	0.8918	0.0918	10
11	0.2108	0.0878	0.0728	7.11 B	20.4	1.80	1.35	0.380	0.965	3.26	0.8788	0.0868	11
12	0.2098	0.0878	0.0685	8.30 B	19.4	1.66	1.29	0.380	1.07	3.41	0.8178	0.0868	12
13	0.2088	0.0898	0.0698	7.12 B	18.8	1.48	1.18	0.396	1.33	3.24	0.7068	0.0958	13
14	0.2078	0.0938	0.0718	9.86 B	18.3	1.46	1.11	0.316	2.00	3.11	0.5988	0.0958	14
15	0.2068	0.0998	0.0898	12.4	17.4	1.36	1.06	0.330	3.09	2.95	0.5588	0.0958	15
16	0.2058	0.1048	0.0878	13.8 E	11.0	1.30	1.05	0.388	3.73	2.85	0.5408	0.0908	16
17	0.2048	0.1108	0.1318	11.0 A	10.3	1.18	0.861	0.265	4.16	2.85	0.5278	0.0868	17
18	0.2048	0.1188	0.1528	10.7	9.13	1.13	0.861	0.280	4.67	3.23	0.4908	0.0878	18
19	0.2038	0.1308	0.1768	9.21	7.86	1.04	0.886	0.256	4.55	3.23	0.4328	0.0868	19
20	0.2028	0.1228	0.3438	9.23	8.83	1.08	0.944	0.282	4.26	3.17	0.3868	0.0898	20
21	0.2018	0.1248	0.4038	8.56	8.32	1.10	1.03	0.232	4.21	3.30	0.3708	0.0898	21
22	0.2008	0.1268	0.2498	7.28	5.65A	1.08	0.943	0.262	4.41	3.16	0.3488	0.0928	22
23	0.1998	0.1308	0.2748	7.01	5.16	1.06	0.885	0.289	5.02	3.18	0.3048	0.0958	23
24	0.1988	0.1348	0.2298	6.30	4.73	1.11	0.795	0.341	5.63	3.089	0.2888	0.0958	24
25	0.1948	0.1408	0.3608	5.96	4.45	1.50	0.739	0.281	5.53	2.882	0.2508	0.0948	25
26	0.1888	0.1488	0.5288	5.49	4.11	2.88	0.688	0.313	5.33	2.728	0.2168	0.0958	26
27	0.1808	0.1628	0.4488	5.37	3.76	3.51	0.610	0.298	5.25	2.138	0.1808	0.0958	27
28	0.1748	0.1558	0.4008	5.34	3.62	3.30	0.602	0.284	5.51	3.178	0.1758	0.0958	28
29	0.1688		0.3488	5.75	3.50	3.30	0.575	0.288	5.68	2.238	0.1588	0.1008	29
30	0.1608		0.3518	6.27	3.68	4.24	0.552	0.232	5.35	2.068	0.1388	0.1108	30
31	0.1548		0.1908		3.78		0.559	0.339		2.019		0.1128	31
TOTAL	6.223	3.262	6.825	205.130	338.06	65.73	53.492	11.218	88.082	100.99	30.271	3.018	TOTAL
MEAN	0.201	0.117	0.188	6.84	10.9	3.19	1.73	0.362	2.94	3.25	0.975	0.097	MEAN
MAX	0.219	0.163	0.538	14.3	25.8	4.24	3.94	0.587	5.86	5.08	1.70	0.128	MAX
MIN	0.154	0.087	0.068	0.540	3.50	1.04	0.552	0.232	0.434	2.01	0.138	0.086	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.47
MAXIMUM DAILY, 25.8 ON MAY 7
MINIMUM DAILY, 0.0689 ON MAR 12
MAXIMUM INSTANTANEOUS,
26.1 AT 08:00 MST ON MAY 7

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 30 40 N
LONG 117 39 32 W
DRAINAGE AREA, 2 010 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	538	JUL	4 930
FEB	282	AUG	968
MAR	589	SEP	7 610
APR	17 700	OCT	8 700
MAY	28 200	NOV	1 750
JUN	5 680	DEC	261

TOTAL DISCHARGE, 77 800 dam³

WILDHAY RIVER NEAR HINTON - STATION NO. 07AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	3.02	14.5	19.2	4.89	5.84	9.47	---	---	1
2	---	---	---	---	2.89	14.6	18.0	4.86	5.79	9.24	---	---	2
3	---	---	---	---	2.86	14.6	16.8	4.88	5.80	9.02	---	---	3
4	---	---	---	---	3.15	14.7	15.8	4.86	5.85	8.63	---	---	4
5	---	---	---	---	3.06	14.7	15.1	4.83	5.33	8.34	---	---	5
6	---	---	---	---	3.09	14.5	14.3	4.92	5.78	8.29	---	---	6
7	---	---	---	---	3.02	13.9	13.3	4.83	5.83	8.30	---	---	7
8	---	---	---	---	3.12	13.6	12.4	4.93	5.30	7.38	---	---	8
9	---	---	---	---	3.23	13.4	11.7	5.07	6.37	7.41	---	---	9
10	---	---	---	---	3.37	11.1	11.2	5.02	6.64	7.41	---	---	10
11	---	---	---	---	3.37	10.3	10.8	5.45	6.02	7.30	---	---	11
12	---	---	---	---	3.15	9.92	10.5	5.64	6.03	7.32	---	---	12
13	---	---	---	---	3.04	10.2	9.98	5.57	13.4	7.13	---	---	13
14	---	---	---	---	2.89	10.2	9.32	5.41	14.4	7.00	---	---	14
15	---	---	---	---	2.98	10.6	8.59	5.30	14.2	7.26	---	---	15
16	---	---	---	---	3.02	10.6	8.38	7.08	14.0	7.32	---	---	16
17	---	---	---	2.12A	3.38	9.41	8.07	6.59	13.7	7.32	---	---	17
18	---	---	---	2.15	4.83	8.84	7.84	8.08	13.5	8.84	---	---	18
19	---	---	---	2.07	7.05	9.39	7.37	8.77	13.0	8.88	---	---	19
20	---	---	---	2.08	7.46	10.3	8.08	7.44	12.6	8.88	---	---	20
21	---	---	---	2.03	10.6	10.2	6.89	6.61	12.1	8.78	---	---	21
22	---	---	---	1.97	12.1	9.61	6.34	6.00	11.8	8.78	---	---	22
23	---	---	---	1.93	13.4	9.78	6.34	7.89	11.3	8.57	---	---	23
24	---	---	---	1.93	13.8	14.3	8.27	7.31	11.1	8.38	---	---	24
25	---	---	---	1.91	15.1	15.8	8.08	7.19	11.0	8.08	---	---	25
26	---	---	---	1.93	15.9	16.8	5.84	8.88	11.1	8.54	---	---	26
27	---	---	---	1.98	13.6	15.3	5.34	8.88	11.0	8.31	---	---	27
28	---	---	---	1.93	13.3	17.0	5.11	8.45	10.3	8.48	---	---	28
29	---		---	1.94	14.2	16.7	4.99	8.33	9.93	8.84A	---	---	29
30	---		---	1.94	15.0	15.8	4.83	8.15	9.67	4.708	---	---	30
31	---		---		15.3		4.70	8.08		4.602		---	31
TOTAL	---	---	---	---	224.86	383.11	297.40	188.89	286.27	318.13	---	---	TOTAL
MEAN	---	---	---	---	7.24	12.8	8.89	8.09	9.84	7.04	---	---	MEAN
MAX	---	---	---	---	15.9	16.8	19.2	8.81	14.4	8.47	---	---	MAX
MIN	---	---	---	---	3.02	8.84	4.70	4.92	5.78	4.60	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.73
MAXIMUM DAILY, 19.9 ON JUN 30
MINIMUM DAILY, 3.02 ON MAY 1
MAXIMUM INSTANTANEOUS,
20.3 AT 11:00 MST ON JUN 30

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 31 24 N
LONG 117 55 49 W
DRAINAGE AREA, 959 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	25 700
FEB	---	AUG	16 300
MAR	---	SEP	25 500
APR	---	OCT	18 600
MAY	19 400	NOV	---
JUN	33 100	DEC	---

TOTAL DISCHARGE, 139 000 dam³

WILLOW CREEK ABOVE CHAIN LAKES - STATION NO. 05AB023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0328	0.0198	0.0828	0.1908	0.925	2.59	0.219	0.025	0.312	1.41	0.985	0.2538	1
2	0.0338	0.0188	0.0328	0.4198	1.01	3.37	0.195	0.023	0.247	1.32	0.989	0.2428	2
3	0.0348	0.0188	0.0318	0.4238	1.17	3.26	0.181	0.022	0.256	1.25	0.938	0.2438	3
4	0.0358	0.0188	0.0308	0.3808	1.25	3.08	0.164	0.019	0.264	1.15	0.969	0.2428	4
5	0.0358	0.0188	0.0298	0.3358	1.16	1.83	0.130	0.017	0.272	1.10	1.04	0.2318	5
6	0.0358	0.0208	0.0288	0.3248	1.02	1.60	0.115	0.016	0.517	1.21	1.22 e	0.2988	6
7	0.0348	0.0148	0.0308	0.3228	0.971	1.42	0.109	0.016	0.437	1.13	0.9898	0.2808	7
8	0.0338	0.0148	0.0318	0.3578	0.936	1.41	0.098	0.020	0.403	1.05	0.8618	0.2618	8
9	0.0328	0.0138	0.0328	0.5668	0.903	1.23	0.082	0.036	0.423	1.40	0.7858	0.2568	9
10	0.0318	0.0128	0.0338	0.7908	0.872	1.12	0.074	0.040	0.465	1.00	0.7408	0.2708	10
11	0.0328	0.0138	0.0368	0.8498	0.845	1.01	0.067	0.050	0.588	1.12	0.6808	0.2858	11
12	0.0338	0.0148	0.0608	0.8218	0.833	0.904	0.068	0.087	4.76	1.25	0.5708	0.2478	12
13	0.0348	0.0168	0.0898	1.038	0.797	0.825	0.073	0.118	5.73	1.18	0.4778	0.2118	13
14	0.0358	0.0198	0.0678	1.038	0.786	0.783	0.081	0.103	4.15	1.18	0.5008	0.1738	14
15	0.0368	0.0228	0.0728	0.783	0.713	0.703	0.076	0.427	2.92	1.26	0.4748	0.1578	15
16	0.0378	0.0248	0.0788	0.694	0.674	0.636	0.082	0.673	2.27	1.36	0.4378	0.1578	16
17	0.0388	0.0268	0.1018	0.713	0.670	0.594	0.183	0.444	2.05	1.56	0.4468	0.1548	17
18	0.0388	0.0278	0.1028	0.663	0.692	0.556	0.215	0.350	2.05	1.43	0.4138	0.1378	18
19	0.0388	0.0288	0.2228	0.681	0.787	0.518	0.141	0.302	1.96	1.37	0.4128	0.1258	19
20	0.0378	0.0298	0.3548	0.821	0.814	0.930	0.115	0.272	1.71	1.41	0.4108	0.1248	20
21	0.0368	0.0308	0.2538	0.568	0.810	0.570	0.097	0.287	1.75	1.41	0.3908	0.1258	21
22	0.0328	0.0318	0.2208	0.538	0.781	0.498	0.077	0.518	1.83	1.39	0.3778	0.1248	22
23	0.0348	0.0358	0.2008	0.586	0.773	0.451	0.071	0.484	1.85	1.34	0.3588	0.1218	23
24	0.0368	0.0338	0.2338	0.573	0.839	0.417	0.074	0.411	1.92	1.25	0.3208	0.1108	24
25	0.0408	0.0318	0.1618	0.662	1.07	0.390	0.071	0.358	1.84	1.27	0.3198	0.1098	25
26	0.0368	0.0298	0.1328	0.542	1.46	0.373	0.080	0.330	1.83	1.21	0.3278	0.1108	26
27	0.0328	0.0308	0.1378	0.594	1.33	0.336	0.055	0.318	1.83	1.18	0.2778	0.0948	27
28	0.0288	0.0358	0.1238	0.904	1.49	0.296	0.048	0.300	1.72	1.18	0.2748	0.1068	28
29	0.0258		0.1028	0.950	1.55	0.279	0.043	0.287	1.61	1.14	0.2678	0.1298	29
30	0.0238		0.0968	0.914	2.03	0.255	0.037	0.260	1.53	1.07	0.2488	0.1448	30
31	0.0218		0.1018		2.22		0.029	0.225		1.14		0.1498	31
TOTAL	1.035	0.629	3.240	16.850	32.140	26.834	3.087	5.904	50.362	38.70	17.443	5.887	TOTAL
MEAN	0.033	0.022	0.105	0.638	1.04	0.951	0.100	0.223	1.68	1.25	0.581	0.183	MEAN
MAX	0.040	0.035	0.364	1.03	2.22	2.59	0.219	0.673	5.73	1.56	1.22	0.298	MAX
MIN	0.021	0.012	0.029	0.190	0.670	0.255	0.029	0.018	0.212	1.00	0.248	0.094	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.567
MAXIMUM DAILY, 5.73 ON SEP 13
MINIMUM DAILY, 0.0128 ON FEB 10
MAXIMUM INSTANTANEOUS,
9.33 AT 19:59 MST ON SEP 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 47 N
LONG 114 12 46 W
DRAINAGE AREA, 183 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	89 4	JUL	267
FEB	54 3	AUG	507
MAR	280	SEP 4	350
APR 1	630	OCT 3	340
MAY 2	780	NOV 1	510
JUN 2	490	DEC	491

TOTAL DISCHARGE, 17 900 dam³

WILLOW CREEK BELOW LANE CREEK - STATION NO. 05AB039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.5758	1.30 B	1.01	1.59	0.318	0.184	0.148	0.870	1.408	---	1
2	---	---	0.5148	2.27 B	0.967	1.63	0.307	0.171	0.105	0.847	1.358	---	2
3	---	---	0.4728	1.76 B	1.08	1.32	0.267	0.166	0.102	0.832	1.208	---	3
4	---	---	0.4248	1.14 B	1.16	1.17	0.238	0.159	0.144	0.821	1.248	---	4
5	---	---	0.4398	1.07 B	1.12	1.04	0.228	0.153	0.243	0.752	1.148	---	5
6	---	---	0.4388	0.8518	0.952	0.901	0.213	0.155	0.513	0.835	---	---	6
7	---	---	0.4328	0.8948	0.887	0.812	0.211	0.178	0.671	0.926	---	---	7
8	---	---	0.4228	1.43 B	0.840	0.795	0.222	0.222	0.517	0.8308	---	---	8
9	---	---	0.4408	2.36	0.824	0.794	0.237	0.257	0.482	0.8068	---	---	9
10	---	---	0.4368	2.34	0.784	0.706	0.208	0.284	0.465	0.927	---	---	10
11	---	---	0.3948	1.98	0.758	0.635	0.200	0.270	0.440	0.915	---	---	11
12	---	---	0.4878	1.69	0.759	0.582	0.208	0.310	2.82	1.18	---	---	12
13	---	---	0.5158	1.61	0.738	0.535	0.316	0.340	5.86	1.18	---	---	13
14	---	---	0.5408	1.78	0.682	0.480	0.362	0.255	3.39	1.35	---	---	14
15	---	---	0.7428	1.44	0.857	0.437	0.341	0.467	1.71	1.63	---	---	15
16	---	---	0.8708	1.19	0.832	0.383	0.395	1.00	1.34	1.72	---	---	16
17	---	---	1.01 B	1.04	0.597	0.318	0.452	0.772	1.15	1.84	---	---	17
18	---	---	1.94 B	0.998	0.586	0.304	0.388	0.528	1.25	2.03	---	---	18
19	---	---	1.90 B	0.886	0.580	0.277	0.285	0.368	1.33	1.95	---	---	19
20	---	---	1.82 B	1.01	0.913	0.288	0.240	0.305	1.24	1.93	---	---	20
21	---	---	1.30 B	0.918	0.690	0.278	0.284	0.347	1.13	1.99	---	---	21
22	---	---	0.9618	0.811	0.686	0.306	0.281	0.523	1.21	1.98	---	---	22
23	---	---	0.7278	0.758	0.690	0.275	0.298	0.572	1.27	1.93	---	---	23
24	---	---	0.6108	0.745	0.584	0.238	0.301	0.422	1.28	1.84	---	---	24
25	---	0.4939	0.5298	0.781	0.745	0.223	0.278	0.302	1.16	1.78	---	---	25
26	---	0.5008	0.5318	0.852	1.07	0.209	0.257	0.268	1.08	1.83	---	---	26
27	---	0.5208	0.4188	0.817	1.08	0.213	0.237	0.294	1.01	1.72	---	---	27
28	---	0.5408	0.3378	0.894	0.830	0.198	0.217	0.179	0.986	1.67	---	---	28
29	---		0.4488	1.11	0.803	0.203	0.198	0.178	0.921	1.69	---	---	29
30	---		0.3768	1.11	1.37	0.209	0.204	0.174	0.889	1.59	---	---	30
31	---		0.4778		1.51		0.208	0.158		1.46 B		---	31
TOTAL	---	---	21.105	38.232	28.105	17.270	8.361	9.848	33.688	43.630	---	---	TOTAL
MEAN	---	---	0.681	1.27	0.843	0.576	0.270	0.318	1.13	1.41	---	---	MEAN
MAX	---	---	1.94	2.36	1.51	1.59	0.452	1.00	5.86	2.03	---	---	MAX
MIN	---	---	0.337	0.745	0.580	0.198	0.198	0.153	0.148	0.752	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.809
MAXIMUM DAILY, 5.86 ON SEP 13
MINIMUM DAILY, 0.148 ON SEP 1
MAXIMUM INSTANTANEOUS,
9.47 AT 01:01 MST ON SEP 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 25 N
LONG 113 56 21 W
DRAINAGE AREA, 727 km²

B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	724
FEB	---	AUG	851
MAR 1	920	SEP 2	910
APR 3	300	OCT 3	770
MAY 2	260	NOV	---
JUN 1	490	DEC	---

TOTAL DISCHARGE, 17 100 dam³

WILLOW CREEK NEAR CLARESHOLM - STATION NO. 05AB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1508	B 2608	1.03 B	0.808	0.928	1.78	0.014	0.030	0.054	0.827	1.14	0.4509	1
2	0.1808	A 2308	1.02 B	3.02	0.866	1.77	0.028	0.030	0.068	0.827	2.26	0.4238	2
3	0.2308	B 2008	0.9608	2.64	0.885	1.68	0.068	0.032	0.069	0.723	1.31	0.4908	3
4	0.2708	0.1958	0.8608	1.83	0.875	0.958	0.154	0.007	0.037	0.713	1.83	0.6008	4
5	0.2408	B 1908	0.8208	1.36	1.02	1.03	0.083	0.011	0.020	0.713	1.78	0.7008	5
6	0.2608	0.1958	0.8108	1.29	0.918	1.05	0.013	0	0.129	0.630	0.713	0.7458	6
7	0.2318	0.2008	0.8108	0.761	0.875	0.885	0	0.013	0.333	0.723	3.56	0.7208	7
8	0.2988	0.2058	0.8208	0.885	0.804	0.827	0.023	0	0.804	0.865	0.887	0.7008	8
9	0.2708	0.2108	0.8208	1.04	0.830	0.723	0.013	0.024	0.611	0.804	1.84	0.8858	9
10	0.2608	0.2158	0.8108	2.34	0.812	0.685	0.008	0.102	0.310	0.803	1.10 B	0.8758	10
11	0.2908	0.2208	0.7308	2.58	0.827	0.704	0.003	0.200	0.190	0.885	0.8008	0.7008	11
12	0.3208	0.2308	0.8408	1.98	0.885	0.670	0	0.195	1.83	0.885	0.7708	0.7408	12
13	0.3608	0.2508	0.8808	1.90	0.438	0.831	0	0.142	7.17	1.09	0.8408	0.7858	13
14	0.3608	0.2708	1.05 B	1.87	0.411	0.368	0	0.120	2.88	1.26	1.16 B	0.8808	14
15	0.4108	0.2908	1.20 B	1.86	0.393	0.357	0.033	0.226	2.11	1.53	1.38 B	0.9408	15
16	0.4208	0.3108	1.36 B	1.29	0.388	0.371	0.090	0.949	1.31	1.85	1.33 B	0.9678	16
17	0.4208	0.3408	1.46 B	1.01	0.364	0.290	0.235	0.569	0.965	2.10	1.26 B	0.9128	17
18	0.4108	0.3658	1.56 B	0.905	0.320	0.265	0.345	0.808	0.845	2.58	1.21 B	0.9308	18
19	0.3208	0.4108	1.64 B	0.885	0.230	0.190	0.277	0.606	1.13	2.49	1.10 B	0.8608	19
20	0.2808	0.4608	1.79 B	1.68	0.230	0.185	0.240	0.339	1.10	2.36	1.01 B	0.9918	20
21	0.3108	0.5208	1.76 B	1.01	0.255	0.195	0.124	0.339	1.07	2.46	0.8808	1.01 B	21
22	0.3608	B 5708	1.55 B	0.821	0.258	0.175	0.072	0.417	0.965	2.45	0.7560	1.02 B	22
23	0.4508	B 6258	1.42 B	0.858	0.220	0.150	0.054	0.411	1.27	2.38	0.8408	1.02 B	23
24	0.5608	0.6908	0.9408	0.629	0.160	0.185	0.180	0.484	1.27	2.40	0.8608	1.03 B	24
25	0.5408	B 7378	0.4358	0.491	0.393	0.147	0.208	0.288	1.29	2.36	0.9348	1.03 B	25
26	0.5308	0.8308	0.3808	0.812	0.670	0.975	0.180	0.230	1.20	2.32	0.9008	0.8508	26
27	0.5208	0.8408	0.3708	0.569	1.26	0.879	0.151	0.178	1.05	2.18	0.4608	0.8808	27
28	0.5058	1.02 B	0.5008	0.568	1.17	0.841	0.120	0.151	0.997	2.19	0.4908	0.8488	28
29	0.4708		0.5408	0.751	0.723	0.818	0.103	0.180	0.845	2.06	0.5138	0.8508	29
30	0.4008		0.4508	1.04	1.38	0.813	0.083	0.083	0.845	1.96	0.4908	0.8708	30
31	0.3308		0.5808		1.61		0.029	0.029		1.88		0.8858	31
TOTAL	11.278	11.172	30.525	38.482	19.788	18.095	3.883	6.727	33.238	48.118	32.342	24.375	TOTAL
MEAN	0.364	0.399	0.985	1.28	0.838	0.935	0.093	0.217	1.11	1.55	1.08	0.786	MEAN
MAX	0.560	1.02	1.84	3.02	1.61	1.78	0.345	0.808	7.17	2.64	2.58	1.03	MAX
MIN	0.150	0.180	0.370	0.628	0.160	0.813	0	0	0.020	0.595	0.480	0.422	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.753
MAXIMUM DAILY, 7.17 ON SEP 13
MINIMUM DAILY, 0.00 JUL 7

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 01 05 N
LONG 113 42 50 W
DRAINAGE AREA, 1 100 km²

B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	674	JUL	240
FEB	995	AUG	581
MAR	2 548	SEP	1 670
APR	3 320	OCT	4 180
MAY	1 710	NOV	2 790
JUN	1 380	DEC	2 110

TOTAL DISCHARGE, 23 800 dam³

WILLOW CREEK NEAR NOLAN - STATION NO. 05AB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.4008	1.30 B	0.442	0.676	0.038	0.053	0.255	1.37	---	---	1
2	---	---	0.3008	1.78 B	0.584	1.40	0.017	0.094	0.305	1.32	---	---	2
3	---	---	0.2808	1.90 B	0.437	1.49	0.001	0.116	0.385	1.29	---	---	3
4	---	---	0.2800	2.70 B	0.337	1.39	0	0.113	0.449	1.28	---	---	4
5	---	---	0.3008	2.80 B	0.376	1.10	0	0.061	0.486	1.28	---	---	5
6	---	---	0.3402	2.48	0.510	0.872	0	0.036	0.691	1.32	---	---	6
7	---	---	0.4008	2.14	0.498	0.858	0.003	0.024	0.711	1.328	---	---	7
8	---	---	0.4800	1.84	0.415	0.838	0.017	0.022	0.805	1.380	---	---	8
9	---	---	0.5208	1.59	0.227	0.722	0.033	0.044	1.02	1.308	---	---	9
10	---	---	0.5808	1.82	0.884	0.614	0.021	0.050	1.40	1.748	---	---	10
11	---	---	0.6408	2.66	0.883	0.507	0	0.128	1.42	1.82	---	---	11
12	---	---	0.7008	2.86	0.286	0.462	0	0.188	4.27	1.80	---	---	12
13	---	---	0.7908	3.42	0.345	0.283	0.013	0.170	3.88	1.40	---	---	13
14	---	---	0.8808	3.30	0.241	0.227	0.031	0.188	5.02	1.84	---	---	14
15	---	---	0.9948	3.23	0.229	0.388	0.084	0.311	3.81	1.84	---	---	15
16	---	---	1.11 B	1.98	0	0.458	0.103	0.261	2.41	1.72	---	---	16
17	---	---	1.24 B	1.84	0	0.405	0.119	0.306	1.98	1.90	---	---	17
18	---	---	1.38 B	1.68	0	0.241	0.132	0.238	1.71	2.08	---	---	18
19	---	---	1.87 B	1.84	0	0.151	0.151	0.278	1.67	2.27	---	---	19
20	---	---	1.98 B	1.28	0.036	0.087	0.180	0.378	1.53	2.38	---	---	20
21	---	---	2.46 B	1.28	0.083	0.313	0.107	0.388	1.58	2.30	---	---	21
22	---	---	2.26 B	1.13	0.057	0.184	0.024	0.176	1.58	2.20	---	---	22
23	---	---	1.92 B	0.885	0.148	0.121	0.003	0.148	1.42	2.37	---	---	23
24	---	---	1.67 B	0.851	0.525	0.113	0.008	0.117	1.40	2.31	---	---	24
25	---	0.4478	1.58 B	0.782	0.574	0.198	0	0.038	1.45	2.34	---	---	25
26	---	0.5508	1.33 B	0.903	0.580	0.088	0.021	0.017	1.51	2.23	---	---	26
27	---	0.7408	1.15 B	0.885	0.548	0.044	0.108	0.180	1.50	2.21	---	---	27
28	---	0.8508	1.07 B	0.784	0.427	0.045	0.087	0.251	1.48	2.28	---	---	28
29	---		1.04 B	0.585	0.488	0.037	0.082	0.232	1.41	2.19	---	---	29
30	---		1.08 B	0.497	0.742	0.041	0.078	0.220	1.39	2.14	---	---	30
31	---		1.08 B		0.843		0.088	0.206		2.13A		---	31
TOTAL	---	---	31.883	47.782	9.873	16.188	1.427	4.880	48.372	57.02	---	---	TOTAL
MEAN	---	---	1.03	1.59	0.318	0.672	0.048	0.157	1.68	1.84	---	---	MEAN
MAX	---	---	2.48	3.86	0.743	1.48	0.180	0.378	5.02	2.39	---	---	MAX
MIN	---	---	0.380	0.497	0	0.088	0	0.017	0.258	1.38	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.883
MAXIMUM DAILY, 5.02 ON SEP 14
MINIMUM DAILY, 0 ON MAY 15
MAXIMUM INSTANTANEOUS,
6.07 AT 21:30 MST ON SEP 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 33 N
LONG 113 32 15 W
DRAINAGE AREA, 2 080 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	133
FEB	---	AUG	430
MAR	2 750	SEP	2 270
APR	4 130	OCT	4 830
MAY	883	NOV	---
JUN	1 230	DEC	---

TOTAL DISCHARGE, 15 700 dam³

WILLOW RIVER NEAR WABASCA - STATION NO. 07JA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.6000	0.6330	37.3	4.67	4.73	3.51	1.91	6.89	---	---	1
2	---	---	0.5600	0.7970	40.3 A	4.37	4.04	3.00	1.86	5.65	---	---	2
3	---	---	0.5400	0.7070	55.2 A	3.95	3.65	2.55	1.94	5.35	---	---	3
4	---	---	0.5000	0.7000	83.1 A	3.69	3.30	2.52	2.19	5.31	---	---	4
5	---	---	0.4630	0.6500	105 A	3.43	2.95	2.78	2.71	5.10	---	---	5
6	---	---	0.4000	0.6300	87.3	3.21	2.64	2.83	3.90	5.61	---	---	6
7	---	---	0.3700	0.9500	64.6	3.00	2.32	2.65	4.55	5.51	---	---	7
8	---	---	0.3500	1.40 B	57.6	2.78	2.20	2.33	4.53	5.93	---	---	8
9	---	---	0.3500	2.10 B	52.0	2.60	2.18	2.15	4.05	5.02	---	---	9
10	---	---	0.3700	1.80 B	46.5	2.46	2.30	2.03	3.57	5.03	---	---	10
11	---	---	0.3800	1.80 B	41.2	2.41	2.08	1.94	3.16	4.83	---	---	11
12	---	---	0.4000	2.16 B	38.7	2.31	1.94	1.90	2.81	5.00	---	---	12
13	---	---	0.4200	3.20 B	33.3	2.21	1.85	1.99	2.62	5.59	---	---	13
14	---	---	0.4500	5.20 B	30.0	2.17	1.90	2.02	2.80	6.41	---	---	14
15	---	---	0.5000	8.50 B	27.7	2.04	1.85	1.93	3.61	7.00	---	---	15
16	---	---	0.5400	12.5 E	25.0	2.03	1.78	1.84	4.27	6.97	---	---	16
17	---	---	0.5800	16.2 E	23.4	2.16	1.77	1.81	4.44	6.90	---	---	17
18	---	---	0.5800	19.3 E	21.2	2.20	1.76	1.78	4.74	7.03	---	---	18
19	---	---	0.6000	19.4 E	18.5	2.27	1.70	1.88	4.73	7.03	---	---	19
20	---	---	0.6100	25.9 E	15.6	2.33	1.86	1.88	4.79E	7.02	---	---	20
21	---	---	0.7000	23.7 E	13.2	2.08	1.83	1.87	4.68E	6.82	---	---	21
22	---	---	0.7100	13.5	10.3	2.13	1.87	1.89	5.63E	6.63	---	---	22
23	---	---	0.7000	12.8	8.50	2.25	1.92	1.87	5.60E	6.45	---	---	23
24	---	---	0.6800	16.2	7.29	2.91	1.83	1.71	7.37E	6.25	---	---	24
25	---	---	0.6500	17.9	6.41	8.91	1.87	1.88	7.08E	6.04	---	---	25
26	---	---	0.6500	21.4	5.70	24.7	1.92	2.32	9.30A	5.87	---	---	26
27	---	---	0.6400	26.8	5.20	18.0	3.11	2.98	12.7	5.05B	---	---	27
28	---	---	0.6330	36.3	5.08	10.3	5.34	2.84	15.6	4.80B	---	---	28
29	---		0.6250	40.2	4.98	7.14	5.85	2.64	11.3	3.80B	---	---	29
30	---		0.5530	36.6	4.95	5.76	5.02	2.17	8.26	3.73B	---	---	30
31	---		0.5530		4.82		4.24	2.02		4.62B		---	31
TOTAL	---	---	16.867	373.907	979.94	140.20	82.29	68.11	157.96	182.36	---	---	TOTAL
MEAN	---	---	0.536	12.5	31.6	4.67	2.65	2.20	5.27	5.88	---	---	MEAN
MAX	---	---	0.710	40.2	105	24.7	5.85	3.51	15.6	7.03	---	---	MAX
MIN	---	---	0.350	0.650	4.82	2.03	1.82	1.87	1.86	3.73	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.17
MAXIMUM DAILY, 105A ON MAY 5
MINIMUM DAILY, 0.3500 ON MAR 8
MAXIMUM INSTANTANEOUS,
107 AT 13:00 MST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 54 45 N
LONG 113 55 17 W
DRAINAGE AREA, 1 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	7 110
FEB	---	AUG	5 880
MAR	1 440	SEP	13 600
APR	32 300	OCT	15 600
MAY	84 700	NOV	---
JUN	12 100	DEC	---

TOTAL DISCHARGE, 173 000 dam³

WINAGAMI LAKE AT PROVINCIAL PARK - STATION NO. 07BF005

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	821.617	821.517	821.686	---	---	---	---	---	---	1
2	---	---	---	---	---	---	821.719	821.663	821.647	---	---	---	2
3	---	---	---	821.626	---	821.671	821.722	821.663	821.657	821.711	---	---	3
4	---	---	821.477	---	---	---	821.717	---	---	821.691	---	---	4
5	---	---	---	---	---	821.685	821.704	821.663	821.657	---	---	---	5
6	---	---	---	---	821.567	821.705	821.719	821.653	---	---	---	---	6
7	---	---	821.456	---	---	---	821.709	821.636	---	821.691	---	---	7
8	---	---	---	---	821.577	821.685	821.694	---	---	821.686	821.690	---	8
9	---	---	---	821.652	---	821.688	821.716	821.643	---	821.701	---	---	9
10	---	---	---	---	821.601	821.695	---	---	821.650	---	---	---	10
11	---	---	---	---	---	821.705	821.716	---	821.662	---	---	---	11
12	---	---	821.447	---	821.615	821.705	821.684	821.648	821.637	821.711	---	---	12
13	---	---	---	---	821.626	821.695	---	821.643	821.662	---	---	---	13
14	---	---	---	---	---	---	---	821.643	---	---	---	---	14
15	---	---	---	821.667	821.626	---	---	---	821.667	821.691	---	---	15
16	---	---	---	---	---	821.705	821.674	821.673	821.672	821.711	---	---	16
17	---	---	---	---	821.636	821.705	---	821.663	---	---	---	---	17
18	---	---	---	821.688	---	821.700	821.684	821.663	821.667	---	---	---	18
19	---	---	821.467	821.697	---	821.705	821.699	821.663	821.672	---	---	---	19
20	---	---	---	---	821.616	821.705	821.699	821.663	---	---	---	---	20
21	---	---	---	---	821.636	821.714	---	---	---	821.690	---	---	21
22	---	---	---	---	821.619	821.714	821.684	---	---	821.710	---	---	22
23	---	---	---	821.512	---	821.695	821.684	821.673	821.711	---	---	---	23
24	---	---	---	---	821.616	821.715	---	---	821.711	821.710	---	---	24
25	---	---	---	821.609	---	821.720	821.695	---	821.701	---	---	---	25
26	---	---	821.437	---	821.616	821.710	---	821.693	---	---	---	---	26
27	---	---	---	---	821.615	---	821.674	821.693	821.711	---	---	---	27
28	---	---	---	---	821.617	821.721	---	821.657	821.701	821.690	---	---	28
29	---		---	---	821.695	---	821.693	---	---	821.715	---	---	29
30	---		---	---	821.695	---	821.653	---	821.695	---	---	---	30
31	---		---		821.695		---	821.693		821.725		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 37 27 N
LONG 110 49 51 W

REGULATED

DRAINAGE AREA,
2 350 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WOLF CREEK AT HIGHWAY NO. 1AA - STATION NO. 07AE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.19 B	0.6930	0.7110	0.7060	9.80	4.39	2.20	1.06	4.05	5.02	1.31 B	1.19 B	1
2	1.09 B	0.6700	0.6980	1.95 B	9.23	3.98	2.03	0.939	3.76	4.95	1.32 B	1.36 B	2
3	0.9930	0.6710	0.6980	2.63 B	9.62	3.61	1.91	0.820	3.40	4.31	2.00 B	1.42 B	3
4	0.9460	0.6550	0.6830	4.20 B	9.41	3.00	4.14	0.725	3.19	4.08	1.77 B	1.18 B	4
5	0.9240	0.6530	0.6700	4.59 B	8.67	2.86	3.45	0.680	3.06	3.75	1.31 B	1.01 B	5
6	0.9100	0.6370	0.6320	5.36 B	7.75	2.47	2.85	0.665	2.46	3.64	1.60 B	1.02 B	6
7	0.9030	0.6240	0.5810	5.34 B	6.95	2.39	2.34	0.760	4.12	3.48	1.32 B	1.18 B	7
8	0.9120	0.6310	0.5700	5.64 B	6.46	2.30	1.80	1.25	4.20	3.44	1.36 B	1.38 B	8
9	0.9620	0.6160	0.5600	7.66 B	6.14	2.12	1.58	3.03	4.35	3.29	1.12 B	1.84 B	9
10	0.9980	0.6020	0.5500	11.7 B	5.56	2.08	1.31	4.03	4.11	3.23	1.08 B	1.47 B	10
11	1.00 B	0.6050	0.5170	13.6 B	5.12	1.98	1.05	3.63	3.92	3.28	1.28 B	1.26 B	11
12	1.00 B	0.5900	0.5020	14.2 B	4.85	1.88	1.03	3.82	4.37	3.30	1.54 B	1.13 B	12
13	0.9880	0.5930	0.4920	14.4 B	14.30	1.81	1.03	5.01	21.3	3.05	1.54 B	1.06 B	13
14	0.9460	0.5800	0.4850	15.3 B	3.93	1.98	1.04	6.56	33.1	2.99	1.43 B	1.31 B	14
15	0.9350	0.5740	0.5210	15.5 B	3.63	2.13	1.07	7.59	26.1	3.32	1.37 B	1.19 B	15
16	0.9340	0.6030	0.5410	15.2 B	3.36	2.10	1.01	10.0	20.8	4.58	1.17 B	1.17 B	16
17	0.9290	0.6280	0.5760	13.0 B	3.16	1.86	1.00	8.76	17.6	5.85	1.07 B	1.16 B	17
18	0.9300	0.6240	0.6270	13.0 B	2.90	1.65	1.06	7.88	14.8	5.76	0.9930	1.14 B	18
19	0.9350	0.6040	0.6470	11.4	2.84	1.45	1.30	5.85	12.9	5.32	0.8420	1.10 B	19
20	0.9360	0.6460	0.6630	10.1	2.65	1.35	1.86	9.36	11.4	4.90	0.7870	1.07 B	20
21	0.9420	0.6560	0.6810	9.01	2.32	1.42	2.37	7.02	10.4	4.59	0.7808	0.9470	21
22	0.9510	0.6570	0.6840	7.50	2.06	1.39	2.06	7.98	9.70	4.27	0.8260	0.9550	22
23	0.9560	0.6810	0.6750	8.10	1.95	1.88	1.97	6.73	9.30	4.01	0.9110	0.9020	23
24	0.9060	0.7000	0.6470	8.91	1.83	3.89	1.85	5.45	8.62	3.728	0.9540	0.8420	24
25	0.8910	0.7150	0.6100	10.5	2.13	10.3	1.78	4.67	7.96	2.159	0.8960	0.8360	25
26	0.8420	0.6940	0.5890	12.2	3.42	14.6	2.03	4.17	7.31	1.608	1.06 B	0.7850	26
27	0.8240	0.6830	0.5760	12.4	4.22	11.7	1.73	3.60	6.69	2.928	1.06 B	0.7460	27
28	0.7690	0.7240	0.5320	11.8	4.26	9.47	1.40	2.99	6.23	1.158	1.11 B	0.7470	28
29	0.7740		0.5160	11.3	3.92	7.76	1.23	2.62	5.63	2.068	1.08 B	0.7370	29
30	0.7520		0.5340	10.4	4.11	6.35	1.19	2.56	5.25	1.908	1.10 B	0.7220	30
31	0.7130		0.5510		4.81		1.17	3.69		1.278		0.8670	31
TOTAL	28.686	18.038	18.544	287.830	150.39	115.53	85.10	130.498	281.21	110.70	35.426	33.211	TOTAL
MEAN	0.925	0.644	0.598	9.59	4.85	3.85	2.10	4.21	9.37	3.57	1.21	1.07	MEAN
MAX	1.19	0.724	0.711	15.5	9.80	14.6	4.63	10.0	33.1	5.85	2.00	1.84	MAX
MIN	0.713	0.578	0.485	0.700	1.83	1.35	1.00	0.680	3.06	1.15	0.787	0.867	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.50
MAXIMUM DAILY, 33.1 ON SEP 14
MINIMUM DAILY, 0.4850 ON MAR 14
MAXIMUM INSTANTANEOUS,
35.6 AT 02:10 MST ON SEP 14

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 35 55 N
LONG 118 18 15 W
DRAINAGE AREA, 829 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 480	JUL	5 620
FEB	1 560	AUG	11 200
MAR	1 600	SEP	24 300
APR	24 900	OCT	9 560
MAY	13 000	NOV	3 150
JUN	9 980	DEC	2 870

TOTAL DISCHARGE, 110 000 dam³

WOLF RIVER AT OUTLET OF WOLF LAKE - STATION NO. 09AB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1980	0.2570	0.2660	0.2100	2.46	3.14	1.46	0.327	0.111	0.013	0.0020	00	1
2	0.2000	0.2570	0.2660	0.2200	2.63	3.06	1.51	0.311	0.104	0.015	0.0020	00	2
3	0.2100	0.2570	0.2660	0.2400	2.84	2.95	1.46	0.284	0.103	0.012	0.0020	00	3
4	0.2200	0.2570	0.2660	0.2540	2.97	2.84	1.39	0.313	0.102	0.009	0.0020	00	4
5	0.2430	0.2570	0.2660	0.2810	3.28	2.66	1.31	0.322	0.084	0.009	0.0020	00	5
6	0.2500	0.2570	0.2630	0.3060	3.53	2.49	1.25	0.290	0.069	0.009	0.0020	00	6
7	0.2550	0.2570	0.2640	0.3400	3.74	2.48	1.05	0.266	0.068	0.008	0.0020	00	7
8	0.2570	0.2570	0.2650	0.3650	3.66	2.62	0.988	0.254	0.066	0.009	0.0020	00	8
9	0.2570	0.2570	0.2550	0.3740	4.14	2.65	0.885	0.256	0.068	0.008	0.0020	00	9
10	0.2570	0.2570	0.2490	0.3650	4.50	2.53	0.788	0.242	0.067	0.005	0.0018	00	10
11	0.2570	0.2570	0.2500	0.3560	4.63	2.58	0.761	0.231	0.066	0.005	0.0018	00	11
12	0.2570	0.2570	0.2450	0.4030	4.74	2.48	0.677	0.220	0.065	0.005	0.0018	00	12
13	0.2570	0.2570	0.2400	0.429	4.69	2.34	0.582	0.209	0.064	0.005	0.0028	00	13
14	0.2570	0.2570	0.2260	0.469	5.01	2.37	0.589	0.188	0.065	0.004	0.0028	00	14
15	0.2570	0.2570	0.2270	0.495	5.10	2.23	0.536	0.198	0.059	0.004	0.0028	00	15
16	0.2570	0.2570	0.2240	0.507	5.10	2.19	0.482	0.201	0.051	0.004	0.0028	00	16
17	0.2570	0.2570	0.2200	0.596	4.93	2.20	0.466	0.191	0.047	0.004	0.0018	00	17
18	0.2570	0.2570	0.2160	0.670	4.76	2.27	0.422	0.187	0.048	0.004	0.0018	00	18
19	0.2570	0.2570	0.2150	0.685	4.72	2.17	0.441	0.175	0.044	0.003	0.0018	00	19
20	0.2570	0.2570	0.2130	0.667	4.64	2.10	0.402	0.154	0.037	0.003	0.0018	00	20
21	0.2570	0.2570	0.2120	1.37	4.33	2.14	0.397	0.133	0.038	0.003	0.0018	00	21
22	0.2570	0.2570	0.2140	1.44	4.05	2.24	0.370	0.142	0.038	0.003	0.0018	00	22
23	0.2570	0.2570	0.2060	1.64	3.86	2.32	0.349	0.138	0.037	0.003	0.0018	00	23
24	0.2570	0.2570	0.2030	1.64	3.73	2.25	0.376	0.149	0.037	0.003	0.0018	00	24
25	0.2570	0.2570	0.2000	1.69	3.66	2.10	0.388	0.130	0.036	0.003	0.0018	00	25
26	0.2570	0.2570	0.2050	1.65	3.34	2.10	0.384	0.112	0.033	0.0018	0.0018	00	26
27	0.2570	0.2570	0.1970	2.02	3.31	1.96	0.376	0.117	0.030	0.0028	0.0018	00	27
28	0.2570	0.2550	0.2040	2.08	3.52	1.88	0.376	0.114	0.029	0.0028	0.0018	00	28
29	0.2570		0.2050	2.29	3.38	1.86	0.386	0.112	0.030	0.0028	0.0018	00	29
30	0.2570		0.1950	2.33	3.31	1.85	0.389	0.088	0.019	0.0028	0.0018	00	30
31	0.2570		0.2140		3.17		0.349	0.098		0.0028		00	31
TOTAL	7.755	7.207	7.170	28.671	131.98	70.67	21.463	5.196	1.631	0.185	0.043	0	TOTAL
MEAN	0.250	0.257	0.231	0.956	3.94	2.35	0.692	0.200	0.054	0.005	0.001	0	MEAN
MAX	0.257	0.266	0.266	2.33	5.10	3.14	1.51	0.327	0.111	0.015	0.002	0	MAX
MIN	0.198	0.257	0.197	0.218	2.46	1.85	0.349	0.088	0.019	0.001	0.001	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.762
MAXIMUM DAILY, 5.10 ON MAY 15
MINIMUM DAILY, 00 ON DEC 1
MAXIMUM INSTANTANEOUS,
5.14 AT 17:23 MST ON MAY 15

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 42 47 N
LONG 111 00 15 W
DRAINAGE AREA, 735 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	670	JUL	1 850
FEB	623	AUG	535
MAR	618	SEP	161
APR	2 320	OCT	14.3
MAY	10 500	NOV	3.72
JUN	6 050	DEC	0

TOTAL DISCHARGE, 23 400 dam³

WOLVERINE CREEK NEAR VALLEYVIEW - STATION NO. 07EF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0388	0.050	0.006	0.106	0	0.001	0.002	0.0038	---	1
2	---	---	---	0.0338	0.044	0.006	0.009	0	0.001	0.002	0.0038	---	2
3	---	---	---	0.0288	0.045	0.005	0	0	0	0.002	0.0038	---	3
4	---	---	0.0018	0.0278	0.038	0.005	0	0.001	0.001	0.002	0.0028	---	4
5	---	---	---	0.0568	0.032	0.005	0	0.001	0.001	0.002	---	---	5
6	---	---	---	0.0768	0.030	0.004	0	0.001	0.001	0.002	---	---	6
7	---	---	---	0.1108	0.028	0.003	0	0.001	0.001	0.003	0.0038	---	7
8	---	---	---	0.1658	0.028	0.003	0	0.001	0.001	0.003	---	---	8
9	---	---	---	0.288	0.035	0.003	0	0.045	0	0.004	---	---	9
10	---	---	---	0.357	0.033	0.002	0	0.006	0	0.003	---	---	10
11	---	---	0.0048	0.406	0.022	0.002	0	0.001	0	0.002	---	---	11
12	---	---	---	0.451	0.020	0.002	0	0.001	0.001	0.003	0.0038	---	12
13	---	---	---	0.556	0.018	0.001	0	0	0.006	0.005	---	---	13
14	---	---	---	0.522	0.017	0.002	0	0.001	0.002	0.011	---	---	14
15	---	---	---	0.383	0.015	0.002	0	0.002	0.002	0.014	---	---	15
16	---	---	---	0.291	0.012	0.002	0	0.001	0.002	0.014	---	---	16
17	---	---	---	0.208	0.012	0.001	0	0.001	0.003	0.010	---	---	17
18	---	---	0.0098	0.118	0.010	0.001	0	0.001	0.003	0.008	0.0028	---	18
19	---	---	---	0.118	0.008	0.001	0	0.001	0.002	0.009	---	---	19
20	---	---	---	0.116	0.008	0.001	0	0.001	0.002	0.009	---	---	20
21	---	---	---	0.098	0.007	0.001	0	0.001	0.005	0.008	---	---	21
22	---	---	0.0078	0.080	0.007	0.001	0	0.001	0.009	0.007	---	---	22
23	---	---	0.0088	0.065	0.007	0.002	0	0.001	0.004	0.006	---	---	23
24	---	---	0.0068	0.048	0.008	0.004	0	0.001	0.003	0.005	---	---	24
25	---	---	0.0078	0.070	0.008	0.001	0	0.001	0.004	0.004	---	---	25
26	---	---	0.0088	0.084	0.007	0.001	0	0	0.038	0.004	---	---	26
27	---	---	0.0058	0.091	0.007	0.001	0	0	0.057	0.003	---	---	27
28	---	---	0.0048	0.080	0.008	0.001	0	0	0.005	0.0048	---	---	28
29	---		0.0038	0.068	0.008	0.001	0	0.001	0.003	0.0038	---	---	29
30	---		0.0038	0.056	0.007	0.001	0	0.001	0.002	0.0038	---	---	30
31	---		0.0118		0.007		0	0.001		0.0038		---	31
TOTAL	---	---	---	5.090	0.564	0.070	0.116	0.076	0.160	0.180	---	---	TOTAL
MEAN	---	---	---	0.170	0.018	0.002	0.004	0.002	0.005	0.005	---	---	MEAN
MAX	---	---	---	0.556	0.050	0.006	0.106	0.045	0.057	0.014	---	---	MAX
MIN	---	---	---	0.027	0.007	0.001	0	0	0	0.002	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.029
MAXIMUM DAILY, 0.556 ON APR 13
MINIMUM DAILY, 0 ON JUL 2
MAXIMUM INSTANTANEOUS,
0.619 AT 13:16 MST ON APR 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 17 N
LONG 117 46 32 W
DRAINAGE AREA, 11.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10.0
FEB	---	AUG	6.57
MAR	---	SEP	13.8
APR	486	OCT	13.8
MAY	43.7	NOV	---
JUN	5.05	DEC	---

TOTAL DISCHARGE, 939 dam³

YOUNG DRAINAGE PROJECT NEAR SPIRIT RIVER - STATION NO. 07FD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0938	0	0	0	0	0	0	---	---	1
2	---	---	---	0.1458	0	0	0	0	0	0	---	---	2
3	---	---	---	0.0788	0	0	0	0	0	0	---	---	3
4	---	---	---	0.0468	0	0	0	0	0	0	---	---	4
5	---	---	---	0.0388	0	0	0	0	0	0	---	---	5
6	---	---	---	0.0188	0	0	0	0	0	0	---	---	6
7	---	---	---	0.012	0	0	0	0	0	0	---	---	7
8	---	---	---	0.008	0	0	0	0	0	0	---	---	8
9	---	---	---	0.004	0	0	0	0	0	0	---	---	9
10	---	---	---	0	0	0	0	0	0	0	---	---	10
11	---	---	---	0	0	0	0	0	0	0	---	---	11
12	---	---	---	0	0	0	0	0	0	0	---	---	12
13	---	---	---	0	0	0	0	0	0	0	---	---	13
14	---	---	---	0	0	0	0	0	0	0	---	---	14
15	---	---	---	0	0	0	0	0	0	0	---	---	15
16	---	---	---	0	0	0	0	0	0	0	---	---	16
17	---	---	---	0	0	0	0	0	0	0	---	---	17
18	---	---	---	0	0	0	0	0	0	0	---	---	18
19	---	---	---	0	0	0	0	0	0	0	---	---	19
20	---	---	---	0	0	0	0	0	0	0	---	---	20
21	---	---	---	0	0	0	0	0	0	0	---	---	21
22	---	---	---	0	0	0	0	0	0	0	---	---	22
23	---	---	---	0	0	0	0	0	0	0	---	---	23
24	---	---	---	0	0	0	0	0	0	0	---	---	24
25	---	---	0.0898	0	0	0	0	0	0	0	---	---	25
26	---	---	0.0308	0	0	0	0	0	0	0	---	---	26
27	---	---	0.0188	0	0	0	0	0	0	0	---	---	27
28	---	---	0.0118	0	0	0	0	0	0	0	---	---	28
29	---		0.0118	0	0	0	0	0	0	0	---	---	29
30	---		0.0468	0	0	0	0	0	0	0	---	---	30
31	---		0.0798		0		0	0		0		---	31
TOTAL	---	---	---	0.432	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.014	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	---	0.145	0	0	0	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.1458 ON APR 2
MINIMUM DAILY, 0 ON APR 10
MAXIMUM INSTANTANEOUS,
0.2718 AT 05:47 MST ON APR 2

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 48 00 N
LONG 118 47 00 W
DRAINAGE AREA, 31.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0
APR	37.3	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

NAME	STATION NO	PAGE
ADAMS CREEK NEAR KINUSO	07BJ004	1
ALBERTA POWER COOLING POND	05CG007	1
ALKALI CREEK NEAR THE MOUTH	05BB016	2
AMISK CREEK NEAR SHORTS	05AA002	3
AMISK RIVER AT HIGHWAY NO. 36	05BH010	3
ANTELOPE COULEE SPILLWAY	07DD010	4
ATHABASCA RIVER ABOVE FLETCHER CHANNEL	07DD007	4
ATHABASCA RIVER ABOVE JACKFISH CREEK	07BE001	5
ATHABASCA RIVER AT ATHABASCA	07AD002	5
ATHABASCA RIVER AT HINTON	07BA001	6
ATHABASCA RIVER BELOW MCMURRAY	07AA002	6
ATHABASCA RIVER NEAR JASPER	07DD011	7
ATHABASCA RIVER NEAR OLD FORT	07AE001	7
ATHABASCA RIVER NEAR WINDFALL	05EA009	8
ATIM CREEK NEAR SPRUCE GROVE	05BD002	8
ATIMOSWE CREEK NEAR ELK POINT	05CE005	9
ATLAS MINE COULEE AT WESTERN MONARCH	07CA004	9
BABETTE CREEK NEAR COLINTON	07BE002	10
BAPTISTE LAKE NEAR ATHABASCA	05BC012	10
BAPTISTE RIVER NEAR THE MOUTH	11AB004	11
BARE CREEK RESERVOIR NEAR ELKWATER	05BF024	11
BARRIER LAKE NEAR SEEBE	05AB038	12
BATTERSEA DRAIN NEAR THE MOUTH	05FA023	12
BATTLE RIVER ABOVE PIPESTONE CREEK	05FC001	13
BATTLE RIVER NEAR FORESTBURG	05FA001	13
BATTLE RIVER NEAR ponoka	05FE004	14
BATTLE RIVER NEAR THE SASKATCHEWAN BOUNDARY	11AA026	14
BEAR CREEK NEAR INTERNATIONAL BOUNDARY	07GE007	15
BEAR CREEK NEAR VALHALLA CENTRE	07GE004	15
BEAR LAKE NEAR CLAIRMONT	07GE005	16
BEAR RIVER NEAR GRANDE PRAIRIE	05CA011	16
BEARBERRY CREEK NEAR SUNDRE	05AB013	17
BEAVER CREEK NEAR BROCKET	05AA003	17
BEAVER LAKE AT RANGER STATION	07BA016	18
BEAVER RIVER ABOVE SYNCRUDE	05AD005	18
BEAVER RIVER AT COLD LAKE RESERVE	05AA001	19
BEAVER RIVER NEAR GODDRIDGE	05CB005	19
BEAVERDAM CREEK NEAR COCHRANE	05EB015	20
BEAVERHILL CREEK NEAR THE MOUTH	07GB001	20
BEAVERLODGE RIVER NEAR BEAVERLODGE	07GB002	21
BEAVERTAIL CREEK NEAR HYTHE	05BN004	21
BEDDINGTON CREEK NEAR CALGARY	05AB021	22
BELLY - ST. MARY DIVERSION CANAL	05AB041	22
BELLY RIVER NEAR GLENWOOD	05AB005	23
BELLY RIVER NEAR MOUNTAIN VIEW	05AB002	23
BELLY RIVER NEAR STANDOFF	05CH016	24
BERRY CREEK BELOW DEADFISH CREEK	05CH008	24
BERRY CREEK NEAR ROSE LYNN	05CH007	25
BERRY CREEK NEAR THE MOUTH	05CH014	25
BERRY CREEK RESERVOIR NEAR SUNNYNOOK	05CH011	26
BERRY CREEK RESERVOIR OUTLET	05CE901	26
BIGELOW RESERVOIR NEAR WIMBORNE	05FC002	27
BIGKNIFE CREEK NEAR GADSBY	07CE006	27
BIRCH CREEK NEAR CONKLIN	07KE001	28
BIRCH RIVER BELOW ALICE CREEK	05BF003	28
BLACKMUD CREEK NEAR ELLERSLIE	05CC001	29
BLINDMAN RIVER NEAR BLACKFALDS	05CC003	29
BLINDMAN RIVER NEAR BLUFFTON	05CK007	30
BLOOD INDIAN CREEK NEAR CABIN LAKE	05CK001	30
BLOOD INDIAN CREEK NEAR THE MOUTH	05AG029	31
BOUNTIFUL COULEE INFLOW NEAR CRANFORD	05BB001	31
BOW RIVER AT BANFF	05BH004	32
BOW RIVER AT CALGARY	05BE004	32
BOW RIVER AT CANMORE	05BA001	33
BOW RIVER AT LAKE LOUISE	05BM004	33
BOW RIVER BELOW BASSANO DAM	05BN003	34
BOW RIVER BELOW BEARSPAW DAM	05BM002	34
BOW RIVER BELOW CARSELAND DAM	05BE005	35
BOW RIVER BELOW GHOST DAM	05BN005	35
BOW RIVER DEVELOPMENT DRAIN D NEAR VAUXHALL	05BN009	36
BOW RIVER DEVELOPMENT DRAIN E NEAR VAUXHALL	05AG005	36
BOW RIVER DEVELOPMENT DRAIN Y NEAR HAYS	05AC004	37
BOW RIVER DEVELOPMENT MAIN CANAL	05AC002	37
BOW RIVER DEVELOPMENT MAIN CANAL AT DROP NO. 3	05AC013	38
BOW RIVER DEVELOPMENT WESTERN BLOCK LATERAL A NEAR HEADGATE	05BE004	38
BOW RIVER NEAR SEEBE	05BN012	39
BOW RIVER NEAR THE MOUTH	07JF002	39
BOYER RIVER NEAR FORT VERMILION	07JF004	40
BOYER RIVER NEAR PADDLE PRAIRIE	07BB004	40
BRAZEAU RESERVOIR	05BB005	41
BRAZEAU RIVER BELOW BRAZEAU PLANT	05BB007	41
BRAZEAU RIVER BELOW CARDINAL RIVER	05BB004	42
BREWSTER CREEK NEAR BANFF	07BF005	42
BRIDLEBIT CREEK NEAR VALLEYVIEW	05BB004	43
BROWN CREEK AT FORESTRY ROAD	07HC002	43
BUCHANAN CREEK NEAR MANNING	05FE002	44
BUFFALO CREEK AT HIGHWAY NO. 41	05CD005	44
BUFFALO LAKE NEAR BREKKIRE	05CE003	45
BULLPOUND CREEK NEAR THE MOUTH	05CE004	45
BULLPOUND CREEK NEAR WATTS	05BF010	46
CABIN CREEK NEAR SEEBE	07HB001	46
CADOTTE RIVER AT OUTLET CADOTTE LAKE	05BH012	47
CAIRN HILL SPILLWAY NEAR THE MOUTH	07CB001	47
CALLING LAKE AT RANGER STATION	05AF025	48
CANADIAN ST. MARY CANAL AT DROP NO. 1	05AE025	48
CANADIAN ST. MARY CANAL NEAR SPRING COULEE	05BB005	49
CARDINAL RIVER NEAR THE MOUTH	05BB004	49
CASCADE POWER DIVERSION NEAR BANFF	05BB005	50
CASCADE RIVER ABOVE LAKE MINNEWANKA	05AA035	50
CASTLE RIVER AT RANGER STATION	05AA022	51
CASTLE RIVER NEAR BEAVER MINES	05BL023	51
CATARACT CREEK NEAR FORESTRY ROAD	05AH044	52
CAVAN LAKE DIVERSION NEAR DUNMORE	05AH048	52
CAVAN LAKE NEAR DUNMORE	05AH037	53
CHAIN LAKES RESERVOIR NEAR BARTON	07KF001	53
CHENAL DES QUATRE FOURCHES AT QUATRE FOURCHES	07DE001	54
CHIBCHAGA RIVER NEAR HIGH LEVEL	07BB005	54
CHIP LAKE AT OUTLET TO LOBSTICK RIVER	07CE002	55
CHRISTINA RIVER NEAR CHARD	07AH002	55
CHRISTMAS CREEK NEAR BLUE RIDGE	05AC033	56
CLEAR BROOK NEAR STAVELY	07FD005	56
CLEAR RIVER NEAR DEAR CANYON	07CB005	57
CLEARWATER RIVER ABOVE CHRISTINA RIVER	05BB003	57
CLEARWATER RIVER ABOVE LIMESTONE CREEK	07CD001	58
CLEARWATER RIVER AT DRAPER	05BB009	58
CLEARWATER RIVER NEAR GOVERCOURT	05BB014	59
COAL CREEK AT BOW CITY		

NAME	STATION NO	PAGE
COAL LAKE RESERVOIR NEAR WETASKIWIN	05FA016	59
COLD LAKE AT COLD LAKE	06AF002	60
COLQUHOUN CREEK NEAR GRANDE PRAIRIE	07GE006	60
COLUMBINE CREEK NEAR THE MOUTH	05AA004	61
CONNOR CREEK NEAR SANGUDO	07BB009	61
COOKING LAKE AT COOKING LAKE	05EB012	62
COTTONWOOD CREEK NEAR TWIN BUTTE	05AD003	62
COYOTE CREEK NEAR CHERHILL	07BB014	63
CRESSDAY RESERVOIR NEAR CRESSDAY	11AB007	63
CROWFOOT CREEK NEAR CLUNY	05BM004	64
CROWSNEST RIVER AT FRANK	05AA008	64
CUTBANK RIVER NEAR GRANDE PRAIRIE	07GB001	65
DAPP CREEK AT HIGHWAY NO. 44	07BC005	65
DEADFISH INFLOW CANAL NEAR CESSFORD	05CH012	66
DEEP VALLEY CREEK NEAR VALLEYVIEW	07DF003	66
DEER CREEK (MAIN STEM) NEAR SUNDRE	05CA003	67
DEERLICK CREEK NEAR HINTON	07AF004	67
DICKSON DAM TUNNEL OUTLET	05CB007	68
DICKSON RESERVOIR NEAR DICKSON	05CB008	68
DOG RIVER NEAR FITZGERALD	07HB006	69
DRAIN L-5 NEAR DIAMOND CITY	05AD040	69
DRAIN S-10 NEAR BOW ISLAND	05AJ003	70
DRAIN S-4 NEAR GRASSY LAKE	05AJ002	70
DRAIN T-1 NEAR TABER	05AG027	71
DRIEDMEAT CREEK NEAR THE MOUTH	05FA018	71
DRIEDMEAT LAKE AT OUTFLOW	05FA020	72
DRIFTPILE RIVER NEAR DRIFTPILE	07EH003	72
DRIFTWOOD RIVER NEAR THE MOUTH	07BK007	73
DRY COULEE NEAR MAGRATH	05AE041	73
DRYWOOD CREEK NEAR THE MOUTH	05AB010	74
DRYWOOD CREEK NEAR TWIN BUTTE	05AB018	74
DUTCH CREEK NEAR THE MOUTH	05AA025	75
EAST PRAIRIE RIVER NEAR EMILDA	07BF001	75
EASTERN IRRIGATION DISTRICT EAST BRANCH CANAL NEAR LATHOM	05CJ003	76
EASTERN IRRIGATION DISTRICT NORTH BRANCH CANAL NEAR BASSANO	05CJ001	76
EASTERN IRRIGATION DISTRICT SPRINGHILL CANAL NEAR LATHOM	05CJ004	77
ELBOW RIVER ABOVE ELBOW FALLS	05BJ005	77
ELBOW RIVER AT BRAGG CREEK	05BJ004	78
ELBOW RIVER AT SARCEE BRIDGE	05BJ010	78
ELBOW RIVER BELOW GLENMORE DAM	05BJ001	79
ELDER CREEK AT HIGHWAY NO. 686	07HB002	79
ELKWATER LAKE AT ELKWATER	05AH025	80
ELLS RIVER NEAR THE MOUTH	07DA017	80
EMBARRAS RIVER AT ROSE	07AF009	81
EMBARRAS RIVER NEAR WEALD	07AF014	81
ERITH RIVER BELOW HANLAN CREEK	07AF007	82
ETHEL LAKE NEAR COLD LAKE	06AC004	82
ETZIKOM COULEE NEAR HEMISKAM	05AF005	83
EUNICE CREEK NEAR HINTON	07AF005	83
EUREKA RIVER NEAR WORSLEY	07FB013	84
EXPANSE COULEE NEAR THE MOUTH	05AG003	84
FALLENTIMBER CREEK NEAR SUNDRE	05CA012	85
FAWCETT LAKE NEAR SMITH	07BK004	85
FIREBAG RIVER NEAR THE MOUTH	07DC001	86
FISH CREEK ABOVE LITTLE FISH LAKE	05CG006	86
FISH CREEK NEAR PRIDDIS	05BK001	87
FLAT CREEK NEAR BOYLE	07CA003	87
FOOTHILLS CREEK NEAR PINCHER CREEK	05AB001	88
FORSTER RESERVOIR NEAR CESSFORD	05CH013	88
FREEMAN RIVER NEAR FORT ASSINIBOINE	07AH001	89
GALWEY BROOK NEAR WATERTON PARK	05AB004	89
GHOST LAKE NEAR COCHRANE	05BE005	90
GHOST RIVER ABOVE WAIPAROUS CREEK	05BG010	90
GHOST RIVER DIVERSION TO LAKE MINNEWANKA	05BG003	91
GHOST RIVER NEAR BLACK ROCK MOUNTAIN	05BG002	91
GLENMORE RESERVOIR AT CALGARY	05BJ008	92
GOAT CREEK AT BANFF PARK BOUNDARY	05BC008	92
GOLD CREEK NEAR FRANK	05AA030	93
GRANDE PRAIRIE CREEK NEAR SEXSMITH	07GE003	93
GREASEWOOD RESERVOIR NEAR ELKWATER	11AB002	94
GREGG RIVER NEAR HINTON	07AF008	94
GREGG RIVER NEAR THE MOUTH	07AF015	95
GREGOIRE LAKE NEAR FORT MCMURRAY	07CE001	95
GROAT CREEK NEAR WHITECOURT	07AG003	96
GROS VENTRE CREEK NEAR DUNMORE	05AH037	96
GULL LAKE AT ASPEN BEACH	05CC003	97
HAMMER HILL SPILLWAY NEAR GLEICHEN	05BM005	97
HARDINGSTONE RIVER AT FORT MCMURRAY	07CD004	98
HARTLEY CREEK NEAR FORT MACKAY	07DA009	98
HASTINGS LAKE NEAR DEVILLE	05EE011	99
HAY RIVER NEAR MEANDER RIVER	07HA002	99
HAYNES CREEK NEAR HAYNES	05CD005	100
HEART RIVER NEAR HAMPA	07HA003	100
HIGHWOOD DIVERSION CANAL NEAR HEADGATES	05BL025	101
HIGHWOOD RIVER AT DIEGEL'S RANCH	05BL019	101
HIGHWOOD RIVER AT HIGH RIVER	05BL003	102
HIGHWOOD RIVER BELOW PICKLEJAR CREEK	05BL021	102
HIGHWOOD RIVER NEAR ALDERSYDE	05BL009	103
HIGHWOOD RIVER NEAR THE MOUTH	05BL024	103
HILDA LAKE NEAR COLD LAKE	06AC003	104
HINES CREEK ABOVE GERRY LAKE	07FB011	104
HINES CREEK NEAR FAIRVIEW	07FB008	105
HORSE CREEK NEAR VALLEYVIEW	07EF007	105
HOUSE RIVER AT HIGHWAY NO. 63	07CE002	106
HUTCH LAKE TRIBUTARY NEAR HIGH LEVEL	07DB007	106
ISSEGUN RIVER NEAR LITTLE SMOKY	07GG003	107
IRON CREEK NEAR HARDISTY	05FB002	107
IRON CREEK NEAR VIKING	05FB003	108
ISLE LAKE AT EUREKA BEACH	05EA004	108
JACKFISH CREEK NEAR LA COREY	06AC001	109
JACKFISH RIVER BELOW CHRISTINA LAKE	07CE005	109
JACKPINE CREEK AT WADLIN LAKE ROAD	07JB003	110
JAMES RIVER NEAR SUNDRE	05CA002	110
JAYDOT RESERVOIR NEAR JAYDOT	11AB005	111
JOHNSTON CREEK NEAR THE MOUTH	05BA004	111
JOSLYN CREEK NEAR FORT MACKAY	07DA010	112
JUMPINGPOUND CREEK NEAR COX HILL	05BN013	112
JUMPINGPOUND CREEK NEAR THE MOUTH	05BN009	113
KAKWA RIVER NEAR GRANDE PRAIRIE	07EB002	113
KANANASKIS RIVER ABOVE POCATERRA CREEK	05BF003	114
KANANASKIS RIVER BELOW BARRIER DAM	05BF025	114

NAME	STATION NO	PAGE
KEG RIVER AT HIGHWAY NO. 35	07HF002	115
KENNEDY COULEE NEAR ACADIA VALLEY	05CK006	116
KILLARNEY LAKE TRIBUTARY NEAR CHAUVIN	05GA010	116
KIRKPATRICK LAKE TRIBUTARY NEAR SPONDIN	05GA009	116
KLESKUN HILLS MAIN DRAIN NEAR GRANDE PRAIRIE	07EE002	117
KNEEHILLS CREEK NEAR DRUMHELLER	05CE002	117
KRAWCHUK DRAINAGE NEAR MCLENNAN	07HA002	118
KYISKAP CREEK NEAR GRANUM	05AB036	118
L.N.I.D. - MONARCH BRANCH CANAL BELOW MONARCH HEADGATES	05AC028	119
LA BICHE RIVER AT HIGHWAY NO. 63	07CA011	119
LAC LA BICHE AT LAC LA BICHE	07CA004	120
LAC LA NONNE AT LAC LA NONNE	07BB007	120
LAC STE. ANNE AT ALBERTA BEACH	05EA006	121
LAFOND CREEK NEAR RED EARTH CREEK	07JC001	121
LAKE ABRAHAM NEAR NORDEGG	05BC009	122
LAKE ATHABASCA AT BUSTARD ISLAND	07MB002	122
LAKE ATHABASCA AT FORT CHIPEWYAN	07MB001	123
LAKE CLAIRE NEAR OUTLET TO PRAIRIE RIVER	07KF002	123
LAKE MINNEWANKA NEAR BANFF	05BB003	124
LAKE SHERBURNE	05AE038	124
LALOY CREEK NEAR GIROUXVILLE	07GJ005	125
LATERAL 10 SPILLWAY NEAR CHIN	05AE007	125
LEE CREEK (EAST BRANCH) NEAR BEAZER	05AE040	126
LEE CREEK AT BEAZER	05AE037	126
LEE CREEK AT CARDSTON	05AE002	127
LEE CREEK BELOW CONFLUENCE OF EAST FORK	05AE004	127
LESSER SLAVE LAKE AT FAUST	07BJ002	128
LESSER SLAVE LAKE AT SLAVE LAKE	07BJ004	128
LESSER SLAVE RIVER AT HIGHWAY NO. 2A	07BX005	129
LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL AT MENZAGHIES BRIDGE	05AB016	129
LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL BELOW KENO OUTFLOW	05AC026	130
LITTLE BOW CANAL AT HIGH RIVER	05BL015	130
LITTLE BOW RIVER AT CARMANGAY	05AC003	131
LITTLE BOW RIVER BELOW TRAVERS DAM	05AC012	131
LITTLE BOW RIVER NEAR THE MOUTH	05AC023	132
LITTLE ELBOW RIVER ABOVE NIHAHI CREEK	05BJ009	132
LITTLE PADDLE RIVER NEAR MAYERTHORPE	07BB006	133
LITTLE RED DEER RIVER NEAR THE MOUTH	05CB001	133
LITTLE RED DEER RIVER NEAR WATER VALLEY	05CB002	134
LITTLE SMOKY RIVER AT LITTLE SMOKY	07GE002	134
LITTLE SMOKY RIVER NEAR GUY	07GH002	135
LLOYD CREEK NEAR BLUFFTON	05CC009	135
LNID CANAL AT DROP NO. 6	05AC018	136
LOBSTICK RIVER NEAR STYAL	07BB002	136
LODGE CREEK AT HIGHWAY NO. 61	11AB002	137
LOGAN RIVER NEAR THE MOUTH	07CA012	137
LOMOND LATERAL NEAR HEADGATE	05AC017	138
LOVETT RIVER NEAR THE MOUTH	07BA003	138
LOWER KANANASKIS LAKE	05BF009	139
LOYALIST CREEK NEAR CONSORT	05BA013	139
LUTOSE CREEK NEAR STEEN RIVER	07BB006	140
MACKAY CREEK AT WALSH	05AH002	140
MACKAY CREEK NEAR GRABURN GAP	05AH003	141
MACKAY RIVER ABOVE DUNKIRK RIVER	07BB005	141
MACKAY RIVER NEAR FORT MACKAY	07BB001	142
MAGRATH IRRIGATION DISTRICT CANAL NEAR SPRING COULEE	05AE021	142
MALIGNE RIVER NEAR JASPER	07AA004	143
MAMAWI LAKE CHANNEL AT OLD DOG CAMP	07KF003	143
MANATOKAN CREEK NEAR IRON RIVER	05AC005	144
MANYBERRIES CREEK AT BRODIN'S FARM	05AF010	144
MARIE LAKE NEAR COLD LAKE	05AC005	145
MARMOT CREEK MAIN STEM NEAR SEEBE	05BF018	145
MARTINEAU RIVER ABOVE COLD LAKE	05AF005	146
MASKWA CREEK NO. 1 ABOVE BEARHILLS LAKE	05FA010	146
MASSY RESERVOIR NEAR ELKWATER	11AB10C	147
MATZHIWIN CREEK ABOVE WARE COULEE	05EJ007	147
MCALPINE CREEK (EAST FORK) NEAR ELKWATER LAKE	05AM043	148
MCGILLIVRAY CREEK NEAR COLEMAN	05AA013	148
MCGREGOR LAKE INFLOW NEAR MILO	05AC024	149
MCGREGOR TRAVERS CANAL NEAR CHAMPION	05AC025	149
MCLEOD RIVER ABOVE EMBARRAS RIVER	07AF002	150
MCLEOD RIVER NEAR CADOMIN	07AF013	150
MCLEOD RIVER NEAR ROSEVEAR	07AE007	151
MCLEOD RIVER NEAR WHITECOURT	07AE004	151
MEADOW CREEK NEAR THE MOUTH	05AA029	152
MEANDER RIVER AT OUTLET OF MUTCH LAKE	07BB005	152
MEDICINE RIVER NEAR ECKVILLE	05CC007	153
MEETING CREEK NEAR DONALDA	05FC006	153
MEETING CREEK NEAR THE MOUTH	05FC003	154
MICHEL RESERVOIR NEAR ELKWATER	11AB001	154
MICHICHI CREEK AT DRUMHELLER	05CE020	155
MIDDLE CREEK NEAR THE SASKATCHEWAN BOUNDARY	11AB009	155
MIDDLE CREEK NEAR SEEBE	05BF020	156
MIDDLE FORK CREEK IN CIRQUE NEAR SEEBE	05BF017	156
MIETTE RIVER NEAR JASPER	07AA001	157
MILK RIVER AT EASTERN CROSSING OF INTERNATIONAL BOUNDARY	11AA031	157
MILK RIVER AT MILK RIVER	11AA008	158
MILK RIVER AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY	11AA025	158
MILK RIVER RIDGE RESERVOIR	05AF030	159
MILL CREEK NEAR THE MOUTH	05AA011	159
MINERS COULEE NEAR INTERNATIONAL BOUNDARY	11AA028	160
MINISTIK LAKE NEAR NEW SAREPTA	05EE013	160
MIQUELON LAKE AT PROVINCIAL PARK	05EE014	161
MISTAYA RIVER NEAR SASKATCHEWAN CROSSING	05BA007	161
MITCHELL RESERVOIR NEAR ELKWATER	11AB008	162
MONITOR CREEK NEAR CONSORT	05EA011	162
MONITOR CREEK NEAR MONITOR	05EA003	163
MONTAGNEUSE RIVER NEAR HINES CREEK	07FB012	163
MOORE LAKE NEAR COLD LAKE	05AC002	164
MOOSEHILLS CREEK NEAR ELK POINT	05EE003	164
MOOSELAKE RIVER NEAR FRANCHERE	05AC006	165
MOSQUITO CREEK NEAR THE MOUTH	05AC031	165
MOUNTAIN VIEW IRRIGATION DISTRICT CANAL	05AB017	166
MUD LAKE DIVERSION CANAL	05BF013	166
MURIEL LAKE AT BURNETTVILLE	05AC007	167
MUSKEG CREEK NEAR WESTERDOSE	05FA012	167
MUSKEG RIVER NEAR FORT MACKAY	07BA005	168
MUSKEG RIVER NEAR GRANDE CACHE	07EA002	168
NAMEPI CREEK NEAR THE MOUTH	05EC004	169
NEW WEST COULEE NEAR THE MOUTH	05BB008	169
NINE MILE COULEE NEAR LETHBRIDGE	05AE042	170
NORDEGG RIVER AT BURNTCHILD ROAD	05BD009	170
NORTH FORK MILK RIVER ABOVE ST. MARY CANAL	11AA032	171
NORTH MILK RIVER NEAR INTERNATIONAL BOUNDARY	11AA001	171
NORTH RAM RIVER AT FORESTRY ROAD	05BC011	172
NORTH SASKATCHEWAN RIVER AT EDMONTON	05BF001	172

NAME	STATION NO.	PAGE
NORTH SASKATCHEWAN RIVER AT WHIRLPOOL POINT	05BA005	172
NORTH SASKATCHEWAN RIVER BELOW BIGHORN PLANT	05DC010	173
NORTH SASKATCHEWAN RIVER NEAR LODGEPOLE	05BE005	174
NORTH SASKATCHEWAN RIVER NEAR ROCKY MOUNTAIN HOUSE	05DC001	174
NOSE CREEK AT CALGARY	05BH003	175
NOSE CREEK NEAR THE MOUTH	05BH001	176
NOTIKEWIN RIVER AT MANNING	07HC001	176
OLDMAN RIVER NEAR BROCKET	05AA024	176
OLDMAN RIVER NEAR LETHBRIDGE	05AB007	177
OLDMAN RIVER NEAR THE MOUTH	05AC005	177
OLDMAN RIVER NEAR WALDRON'S CORNER	05AA023	178
ONETREE CREEK NEAR PATRICIA	05CJ005	178
OWL RIVER BELOW PICHE RIVER	07CA013	179
PADDLE RIVER AT BARRHEAD	07BB005	179
PADDLE RIVER AT HIGHWAY NO. 754	07BB013	180
PADDLE RIVER NEAR ARSELMO	07BB011	180
PADDLE RIVER NEAR ROCHFORT BRIDGE	07BB004	181
PADDLE RIVER NEAR SANGUDO	07BB012	181
PAINTEARTH CREEK NEAR MALKIN	05FC004	182
PARFLESH CREEK NEAR CHANCELLOR	05BM007	182
PARLBY CREEK AT ALIX	05CB007	183
PARLBY CREEK NEAR MIRROR	05CB002	183
PEACE RIVER AT DUNVEGAN BRIDGE	07FD003	184
PEACE RIVER AT FORT VERMILION	07HF001	184
PEACE RIVER AT PEACE POINT	07KC001	185
PEACE RIVER AT PEACE RIVER	07HA001	185
PEACE RIVER BELOW CHENAL DES QUATRE FOURCHES	07KC005	186
PEAVINE CREEK NEAR PALMER	07GH004	186
PEERLESS LAKE AT PEERLESS LAKE	07JB001	187
PELICAN CREEK NEAR PAKOWKI ROAD	05AH041	187
PEKISKO CREEK NEAR LONGVIEW	05BL023	188
PEMBINA RIVER AT JARVIS	07BC002	188
PEMBINA RIVER BELOW PADDY CREEK	07BA001	189
PEMBINA RIVER NEAR ENTWISTLE	07BB002	189
PICHE RIVER NEAR IMPERIAL MILLS	07CA010	190
PIGEON LAKE AT GRANDVIEW	05FA013	190
PIGEON LAKE CREEK NEAR USONA	05FA019	191
PINCHER CREEK AT PINCHER CREEK	05AA004	191
PINE CREEK NEAR GRASSLAND	07CA005	192
PIPESTONE CREEK BELOW BIGSTONE CREEK	05FA022	192
PIPESTONE RIVER NEAR LAKE LOUISE	05BA002	193
PIYAMI DRAIN NEAR PICTURE BUTTE	05AD037	193
POINTE-AUX-PINS CREEK NEAR ARDROSSAN	05EB002	194
POINTE-AUX-PINS TRIBUTARY NO. 1 NEAR ARDROSSAN	05EB008	194
POINTE-AUX-PINS TRIBUTARY NO. 2 NEAR ARDROSSAN	05EB010	195
POINTE-AUX-PINS TRIBUTARY NO. 3 NEAR ARDROSSAN	05EB011	195
PONTON RIVER ABOVE BOYER RIVER	07JF003	195
PONY CREEK NEAR CHARD	07CE003	196
POPLAR CREEK NEAR FORT MCMURRAY	07BA007	197
PORTER CREEK ABOVE BAPTISTE LAKE	07BE003	197
POTHOLE CREEK AT RUSSELL'S RANCH	05AE016	198
POTHOLE TURNOUT NEAR MAGRATH	05AE038	198
PRAIRIE BLOOD COULEE NEAR LETHBRIDGE	05AB035	199
PRAIRIE CREEK BELOW LICK CREEK	05DD005	199
PRAIRIE CREEK NEAR ROCKY MOUNTAIN HOUSE	05BM002	200
PUNK CREEK NEAR THE MOUTH	05AB003	200
RACEHORSE CREEK NEAR THE MOUTH	05AA027	201
RAM RIVER NEAR THE MOUTH	05DC006	201
RAT CREEK NEAR CYNTHIA	07BA002	202
RAVEN RIVER NEAR RAVEN	05CB004	202
RAY CREEK NEAR INNISFAIL	05CE010	203
RED DEER RIVER ABOVE PANTHER RIVER	05CA004	203
RED DEER RIVER AT DRUMHELLER	05CE001	204
RED DEER RIVER AT RED DEER	05CC002	204
RED DEER RIVER BELOW BURNT TIMBER CREEK	05CA005	205
RED DEER RIVER NEAR BINDLOSS	05CK004	205
REDEARTH CREEK NEAR THE MOUTH	05BB005	206
REDWATER RIVER NEAR THE MOUTH	05EC005	206
REDWATER RIVER NEAR VIMY	05EC007	207
REDWILLOW CREEK NEAR RED WILLOW	05FC005	207
REDWILLOW RIVER NEAR BEAVERLODGE	07GD003	208
REESOR RESERVOIR NEAR ELKWATER	11AB000	208
REITA CREEK NEAR OUTLET OF ANGLING LAKE	06AD013	209
RENWICK CREEK NEAR THREE HILLS	05CE011	209
RIDSTONE CREEK NEAR CZAR	05FD005	210
RIDSTONE CREEK NEAR EDGERTON	05FD001	210
RIDSTONE CREEK TRIBUTARY NEAR CORONATION	05FD006	211
RICHARDSON LAKE AT THE OUTLET	07BD005	211
RICHARDSON RIVER NEAR THE MOUTH	07BD002	212
RIVIERE DES ROCHERS ABOVE REVILLON COUPE	07HA003	213
RIVIERE DES ROCHERS ABOVE SLAVE RIVER	07HA001	213
RIVIERE DES ROCHERS EAST OF LITTLE RAPIDS	07HA007	213
RIVIERE DES ROCHERS WEST OF LITTLE RAPIDS	07HA008	214
ROBERT CREEK NEAR ANZAC	07CE004	214
ROCKY CREEK NEAR VALLEYVIEW	07GF005	215
ROLLING HILLS CANAL NO. 1 SPILL	05BM015	215
ROLLING HILLS CANAL NO. 2 SPILL	05BM019	216
ROLPH CREEK NEAR KIMBALL	05AE005	216
ROMEO CREEK ABOVE ROMEO LAKE	07BB003	217
ROSALARE WASTEWAY NEAR HAYS	05BE007	217
ROSE CREEK NEAR ALDER FLATS	05BE007	218
ROSEBUD RIVER AT REDLAND	05CE005	218
ROSEBUD RIVER BELOW CARSTAIRS CREEK	05CE006	219
ROSS CREEK AT MEDICINE HAT	05AH043	219
ROSS CREEK AT OUTLET OF ELKWATER LAKE	05AH044	220
ROSS CREEK NEAR IRVINE	05AH003	220
RYCROFT SURVEY NO. 3 NEAR RYCROFT	07FB010	221
SADDLE RIVER NEAR WOKING	07FB006	221
SAGE CREEK AT 6 RANCH NEAR WILDHORSE	11AA026	222
SAKWATAMAU RIVER NEAR WHITECOURT	07AH003	222
SAM LAKE TRIBUTARY NEAR SCHULER	05AH047	223
SAND RIVER NEAR THE MOUTH	05AB001	223
SAULTEAUX RIVER NEAR SPURFIELD	07BK005	224
SAWRIDGE CREEK NEAR SLAVE LAKE	07BK006	224
SEVEN PERSONS CREEK AT MEDICINE HAT	05AH005	225
SHEEP COULEE NEAR CARSTAIRS	05CE010	225
SHEEP RIVER AT BLACK DIAMOND	05BL014	226
SIFFLEUR RIVER NEAR THE MOUTH	05BA002	226
SILVERHORN CREEK NEAR THE MOUTH	05BA010	227
SIMONETTE RIVER NEAR GOODWIN	07EF001	227
SLAVE RIVER AT FITZGERALD	07BB001	228
SMOKY RIVER ABOVE WELLS CREEK	07EA001	228
SMOKY RIVER AT WATINO	07EJ001	229
SNAKE CREEK NEAR VULCAN	05AC030	229
SNAKE INDIAN RIVER NEAR THE MOUTH	07AB002	230

NAME	STATION NO	PAGE
SOUNDING CREEK NEAR CHINOOK	05GA012	230
SOUNDING CREEK NEAR DYER	05GA006	231
SOUSA CREEK NEAR HIGH LEVEL	07BA001	231
SOUTH FORK MILK RIVER NEAR BABB	11AA033	232
SOUTH HEART RESERVOIR NEAR MCLEAN	07BF008	232
SOUTH SASKATCHEWAN RIVER AT HIGHWAY NO. 41	05AK001	233
SOUTH SASKATCHEWAN RIVER AT MEDICINE HAT	05AJ001	233
SOUTH WABASCA LAKE NEAR DESMARAIS	07JA002	234
SPRAY POWER DIVERSION AT CANMORE	05BE007	234
SPRAY RESERVOIR AT THREE SISTERS DAM	05BC005	235
SPRAY RIVER AT BANFF	05BC001	235
SPRING CREEK (UPPER) NEAR VALLEYVIEW	07GF004	236
SPRING CREEK NEAR VALLEYVIEW	07GF002	236
SQUAW COULEE DIVERSION BELOW SQUAW COULEE RESERVOIR	05AC017	237
ST. MARY CANAL AT ST. MARY CROSSING	05AE029	237
ST. MARY RESERVOIR NEAR SPRING COULEE	05AE025	238
ST. MARY RIVER AT INTERNATIONAL BOUNDARY	05AE027	238
ST. MARY RIVER NEAR LETHBRIDGE	05AE006	239
STEELE LAKE NEAR JARVIS	07BC005	239
STEEN RIVER NEAR STEEN RIVER	07BB004	240
STEEPBANK RIVER NEAR FORT MCMURRAY	07DA005	240
STIMSON CREEK NEAR PEKISKO	05BL007	241
STIRLING LAKE OUTFLOW NEAR STIRLING	05AF028	241
STONY CREEK NEAR TAWATINAW	07BE004	242
STRAWBERRY CREEK NEAR THE MOUTH	05DF004	242
STREETER CREEK (MAIN STEM) NEAR HANTON	05AB030	243
STRETTON CREEK NEAR MARWAYNE	05EE005	243
STURGEON LAKE AT WILLIAMSON PARK	07GH003	244
STURGEON RIVER AT ST. ALBERT	05EA003	244
STURGEON RIVER NEAR FORT SASKATCHEWAN	05EA001	245
STURGEON RIVER NEAR MAGNOLIA BRIDGE	05EA010	245
STURGEON RIVER NEAR VILLENEUVE	05EA005	246
SUNDANCE CREEK NEAR SICKERSIKE	07AF010	246
SUNWAPTA RIVER AT ATHABASCA GLACIER	07AA007	247
SWAN RIVER NEAR KINUSO	07BJ001	247
SWAN RIVER NEAR SWAN HILLS	07BJ003	248
SWIFTCURRENT CREEK AT SHERBURNE	05AE033	248
SYLVAN LAKE AT SYLVAN LAKE	05CC003	249
TEEPEE CREEK NEAR LACRETE	07JD004	249
THREEHILLS CREEK BELOW RAY CREEK	05CE018	250
THREEHILLS CREEK NEAR CARBON	05CE007	250
THREEPOINT CREEK NEAR WILLARVILLE	05BL013	251
TODD CREEK AT ELTON'S RANCH	05AA006	251
TODD CREEK NEAR HIGHWAY NO.23	05AA009	252
TOMAHAWK CREEK NEAR TOMAHAWK	05DE009	252
TOUGH CREEK NEAR BRAZER	05AE029	253
TRAP CREEK NEAR LONGVIEW	05BL027	253
TROUT CREEK NEAR CRANUM	05AB005	254
TWELVE MILE COULEE SPILLWAY NEAR CARSELAND	05BM009	254
TWELVE MILE CREEK NEAR CECIL	05BN002	255
TWIN CREEK NEAR SEEBE	05BF018	255
TYRRELL LAKE OUTFLOW NEAR DAYTON	05AF031	256
UNITED IRRIGATION DISTRICT CANAL NEAR HILL SPRING	05AB013	256
UNNAMED CREEK NEAR FORT MACKAY	07DA011	257
UPPER KAKABASKIS LAKE	05BF005	257
UTIKUMA LAKE NEAR WIPISI	07JA001	258
VERDIGRIS COULEE NEAR THE MOUTH	11AA038	258
VERMILION PARK LAKE NEAR VERMILION	05EE006	259
VERMILION RIVER DRAINAGE NEAR HOLDEN	05EE013	259
VERMILION RIVER NEAR MARWAYNE	05EE007	260
VERMILION RIVER NEAR VEGREVILLE	05EE003	260
VERMILION RIVER TRIBUTARY NEAR BRUCE	05EE008	261
VIXEN CREEK NEAR BELLAY	07FB021	261
WABAMUN CREEK NEAR DUFFIELD	05DE003	262
WABAMUN LAKE AT WABAMUN	05DE002	262
WABASCA RIVER AT WADLIN LAKE ROAD	07JB003	263
WABASCA RIVER BELOW TROUT RIVER	07JB002	263
WAGASH CREEK NEAR PIBROCH	07BC007	264
WAINSCOTT COULEE NEAR BROWNVALE	07FB014	264
WAIPAROUS CREEK NEAR THE MOUTH	05BE008	265
WAMPUS CREEK NEAR HINTON	07AF003	265
WANDERING RIVER NEAR WANDERING RIVER	07CA006	266
WAPITI RIVER NEAR GRANDE PRAIRIE	07GE001	266
WARE COULEE ABOVE MATZIWIN CREEK	05CJ006	267
WASKAMIGAN RIVER NEAR THE MOUTH	07GE001	267
WASKASOO CREEK AT RED DEER	05CC011	268
WASKATENAU CREEK NEAR WASKATENAU	05EC002	268
WATERTON - BELLY DIVERSION CANAL	05AB027	269
WATERTON LAKE AT WATERTON PARK	05AB025	269
WATERTON RESERVOIR	05AB028	270
WATERTON RIVER NEAR GLENWOOD	05AB026	270
WATERTON RIVER NEAR WATERTON PARK	05AB003	271
WEILLER CREEK NEAR METASKIWIN	05FA024	271
WELCH CREEK TRIBUTARY NEAR LEEDALE	05CC010	272
WEST ARROWWOOD CREEK NEAR ARROWWOOD	05BM014	272
WEST ARROWWOOD CREEK NEAR ENSIGN	05BM016	273
WEST PRAIRIE RIVER NEAR HIGH PRAIRIE	07BF002	273
WESTERN IRRIGATION DISTRICT CANAL "B" NEAR HEADGATE	05BM017	274
WESTERN IRRIGATION DISTRICT CANAL NEAR CHESTERMERE LAKE	05BM003	274
WHIRLPOOL RIVER NEAR THE MOUTH	07AA009	275
WHISKEYJACK CREEK NEAR HINTON	07AB004	275
WHITE EARTH CREEK NEAR SMOKEY LAKE	05EC005	276
WHITEHORSE CREEK NEAR CADOMIN	07AF019	276
WHITEMUD CREEK (WEST BRANCH) NEAR IRETON	05BF007	277
WHITEMUD CREEK NEAR ELLERSLIE	05DF006	277
WHITEMUD RIVER NEAR DIXONVILLE	07HA005	278
WILDHAY RIVER NEAR HINTON	07AC001	278
WILLOW CREEK ABOVE CHAIN LAKES	05AB024	278
WILLOW CREEK BELOW LAKE CREEK	05AB039	279
WILLOW CREEK NEAR CLAREMHOLM	05AB021	280
WILLOW CREEK NEAR NOLAN	05AB002	280
WILLOW RIVER NEAR WABASCA	07JA003	281
WINAGAMI LAKE AT PROVINCIAL PARK	07BF004	281
WOLF CREEK AT HIGHWAY NO. 18A	07AE003	282
WOLF RIVER AT OUTLET OF WOLF LAKE	05AB001	282
WOLVERINE CREEK NEAR VALLEYVIEW	07BF003	282
YOUNG DRAINAGE PROJECT NEAR SPIRIT RIVER	07FB013	283

STATION NO	NAME	PAGE
05AA004	PINCHER CREEK AT PINCHER CREEK	191
05AA006	TODD CREEK AT ELTON'S RANCH	251
05AA008	CROWSNEST RIVER AT FRANK	64
05AA011	MILL CREEK NEAR THE MOUTH	159
05AA013	MCGILLIVRAY CREEK NEAR COLEMAN	148
05AA022	CASTLE RIVER NEAR BEAVER MINES	61
05AA023	OLDMAN RIVER NEAR WALDRON'S CORNER	178
05AA024	OLDMAN RIVER NEAR BROCKET	176
05AA026	DUTCH CREEK NEAR THE MOUTH	75
05AA027	RACEHORSE CREEK NEAR THE MOUTH	201
05AA028	CASTLE RIVER AT RANGER STATION	60
05AA030	GOLD CREEK NEAR FRANK	93
05AA909	TODD CREEK NEAR HIGHWAY NO. 22	252
05AB002	WILLOW CREEK NEAR NOLAN	280
05AB005	TROUT CREEK NEAR GRANUM	264
05AB013	BEAVER CREEK NEAR BROCKET	17
05AB016	LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL AT MENZAGHIES BRIDGE	128
05AB021	WILLOW CREEK NEAR CLARESHOLM	280
05AB028	WILLOW CREEK ABOVE CHAIN LAKES	279
05AB029	MEADOW CREEK NEAR THE MOUTH	192
05AB030	STREETER CREEK (MAIN STEM) NEAR NANTON	243
05AB037	CHAIN LAKES RESERVOIR NEAR NANTON	53
05AB038	KYISKAP CREEK NEAR GRANUM	118
05AB039	WILLOW CREEK BELOW LANE CREEK	279
05AC002	LITTLE BOW RIVER AT CARMANGAY	131
05AC004	BOW RIVER DEVELOPMENT MAIN CANAL	37
05AC012	LITTLE BOW RIVER BELOW TRAVERS DAM	131
05AC013	BOW RIVER DEVELOPMENT WESTERN BLOCK LATERAL A NEAR HEADGATE	38
05AC017	LOMOND LATERAL NEAR HEADGATE	138
05AC023	LITTLE BOW RIVER NEAR THE MOUTH	132
05AC024	MCGREGOR LAKE INFLOW NEAR MILO	149
05AC025	MCGREGOR TRAVERS CANAL NEAR CHAMPION	149
05AC026	LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL BELOW KEHO OUTFLOW	130
05AC028	L.N.I.D. - MONARCH BRANCH CANAL BELOW MONARCH HEADGATES	119
05AC030	SNAKE CREEK NEAR VULCAN	229
05AC031	MOSQUITO CREEK NEAR THE MOUTH	165
05AC033	CLEAR BROOK NEAR STAVELY	56
05AC902	BOW RIVER DEVELOPMENT MAIN CANAL AT DROP NO. 3	37
05AC917	SQUAW COULEE DIVERSION BELOW SQUAW COULEE RESERVOIR	37
05AC918	LWID CANAL AT DROP NO. 6	237
05AD002	BELLY RIVER NEAR STANDOFF	136
05AD003	WATERTON RIVER NEAR WATERTON PARK	23
05AD005	BELLY RIVER NEAR MOUNTAIN VIEW	271
05AD007	OLDMAN RIVER NEAR LETHBRIDGE	23
05AD010	DRYWOOD CREEK NEAR THE MOUTH	177
05AD013	UNITED IRRIGATION DISTRICT CANAL NEAR HILL SPRING	74
05AD014	DRYWOOD CREEK NEAR TWIN BUTTE	264
05AD017	MOUNTAIN VIEW IRRIGATION DISTRICT CANAL	70
05AD021	BELLY - ST. MARY DIVERSION CANAL	199
05AD025	WATERTON LAKE AT WATERTON PARK	22
05AD026	WATERTON RESERVOIR	269
05AD027	WATERTON - BELLY DIVERSION CANAL	270
05AD028	WATERTON RIVER NEAR GLENWOOD	269
05AD035	PRAIRIE BLOOD COULEE NEAR LETHBRIDGE	270
05AD037	PIYAMI DRAIN NEAR PICTURE BUTTE	199
05AD038	HATTERSEA DRAIN NEAR THE MOUTH	193
05AD040	DRAIN L-5 NEAR DIAMOND CITY	12
05AD041	BELLY RIVER NEAR GLENWOOD	69
05AD901	FOOTHILLS CREEK NEAR PINCHER CREEK	22
05AD903	COTTONWOOD CREEK NEAR TWIN BUTTE	86
05AD904	GALWEY BROOK NEAR WATERTON PARK	92
05AE002	LEE CREEK AT CARDSTON	69
05AE005	ROLPH CREEK NEAR KIMBALL	127
05AE006	ST. MARY RIVER NEAR LETHBRIDGE	216
05AE018	POTHOLE CREEK AT RUSSELL'S RANCH	230
05AE021	MAGRATH IRRIGATION DISTRICT CANAL NEAR SPRING COULEE	198
05AE025	ST. MARY RESERVOIR NEAR SPRING COULEE	142
05AE026	CANADIAN ST. MARY CANAL NEAR SPRING COULEE	238
05AE027	ST. MARY RIVER AT INTERNATIONAL BOUNDARY	46
05AE029	ST. MARY CANAL AT ST. MARY CROSSING	238
05AE033	SWIFTCURRENT CREEK AT SHERBURNE	237
05AE035	LAKE SHERBURNE	248
05AE037	LEE CREEK AT BEAZER	124
05AE038	POTHOLE TURNOUT NEAR MAGRATH	126
05AE039	TOUGH CREEK NEAR BEAZER	198
05AE040	LEE CREEK (EAST BRANCH) NEAR BEAZER	263
05AE041	DRY COULEE NEAR MAGRATH	126
05AE042	NINE MILE COULEE NEAR LETHBRIDGE	73
05AE804	LEE CREEK BELOW CONFLUENCE OF EAST FORK	170
05AF010	MARYBERRIES CREEK AT BRODIN'S FARM	127
05AF028	CANADIAN ST. MARY CANAL AT DROP NO. 1	144
05AF029	STIRLING LAKE OUTFLOW NEAR STIRLING	46
05AF030	MILK RIVER RIDGE RESERVOIR	241
05AF031	TYRRELL LAKE OUTFLOW NEAR DAYTON	159
05AF905	ETZIKOM COULEE NEAR HEMISKAM	255
05AG003	EXPANSE COULEE NEAR THE MOUTH	83
05AG005	BOW RIVER DEVELOPMENT DRAIN 7 NEAR HAYS	84
05AG006	OLDMAN RIVER NEAR THE MOUTH	36
05AG007	LATERAL 10 SPILLWAY NEAR CHIN	177
05AG035	BOUNTIFUL COULEE INFLOW NEAR CRANFORD	129
05AG037	DRAIN T-1 NEAR TABER	31
05AH002	MACKAY CREEK AT WALSH	71
05AH003	ROSS CREEK NEAR IRVINE	140
05AH005	SEVEN PERSONS CREEK AT MEDICINE HAT	220
05AH025	ELKWATER LAKE AT ELKWATER	235
05AH037	GROS VENTRE CREEK NEAR DUNMORE	80
05AH041	PELICAN CREEK NEAR PAKOWKI ROAD	98
05AH042	MACKAY CREEK NEAR GRASBURN GAP	187
05AH043	MCALPINE CREEK (EAST FORK) NEAR ELKWATER LAKE	141
05AH044	CAVAN LAKE DIVERSION NEAR DUNMORE	148
05AH046	ROSS CREEK AT OUTLET OF ELKWATER LAKE	82
05AH047	SAM LAKE TRIBUTARY NEAR SCHULER	230
05AH048	CAVAN LAKE NEAR DUNMORE	223
05AH049	ROSS CREEK AT MEDICINE HAT	82
05AJ001	SOUTH SASKATCHEWAN RIVER AT MEDICINE HAT	219
05AJ002	DRAIN S-4 NEAR GRASSY LAKE	233
05AJ003	DRAIN S-10 NEAR BOW ISLAND	70
05AK001	SOUTH SASKATCHEWAN RIVER AT HIGHWAY NO. 41	70
05BA001	BOW RIVER AT LAKE LOUISE	233
05BA002	PIPESTONE RIVER NEAR LAKE LOUISE	33
05BA008	JOHNSTON CREEK NEAR THE MOUTH	193
05BB001	BOW RIVER AT BANFF	111
05BB004	BREWSTER CREEK NEAR BANFF	31
05BB005	REDEARTH CREEK NEAR THE MOUTH	42
05BC001	SPRAY RIVER AT BANFF	206
05BC008	SPRAY RESERVOIR AT THREE SISTERS DAM	236
05BC009	GOAT CREEK AT BANFF PARK BOUNDARY	235
05BD003	LAKE MINNEWANKA NEAR BANFF	82
05BD004	CASCADE POWER DIVERSION NEAR BANFF	134
		49

STATION NO	NAME	PAGE
05BB0005	CASCADE RIVER ABOVE LAKE MINNEWANKA	50
05BE004	BOW RIVER NEAR SEEBE	38
05BE005	GHOST LAKE NEAR COCHRANE	90
05BE006	BOW RIVER BELOW GHOST DAM	35
05BE007	SPRAY POWER DIVERSION AT CANMORE	234
05BE008	BOW RIVER AT CANMORE	32
05BF003	KANANASKIS RIVER ABOVE POCATERRA CREEK	114
05BF005	UPPER KANANASKIS LAKE	267
05BF009	LOWER KANANASKIS LAKE	139
05BF013	MUD LAKE DIVERSION CANAL	185
05BF016	MARMOT CREEK MAIN STEM NEAR SEEBE	145
05BF017	MIDDLE FORK CREEK NEAR SEEBE	159
05BF018	TWIN CREEK NEAR SEEBE	255
05BF019	CABIN CREEK NEAR SEEBE	46
05BF020	MIDDLE FORK CREEK IN CIRQUE NEAR SEEBE	156
05BF024	BARRIER LAKE NEAR SEEBE	11
05BF025	KANANASKIS RIVER BELOW BARRIER DAM	114
05BG002	GHOST RIVER NEAR BLACK ROCK MOUNTAIN	91
05BG003	GHOST RIVER DIVERSION TO LAKE MINNEWANKA	91
05BG004	WAIPAROUS CREEK NEAR THE MOUTH	285
05BG010	GHOST RIVER ABOVE WAIPAROUS CREEK	90
05BH003	ROSE CREEK AT CALGARY	178
05BH004	BOW RIVER AT CALGARY	32
05BH005	BOW RIVER BELOW BEARSPAW DAM	34
05BH009	JUMPINGPOUND CREEK NEAR THE MOUTH	113
05BH013	JUMPINGPOUND CREEK NEAR COX HILL	112
05BH901	ROSE CREEK NEAR THE MOUTH	175
05BH904	BEDDINGTON CREEK NEAR CALGARY	21
05BJ001	ELBOW RIVER BELOW GLENMORE DAM	79
05BJ004	ELBOW RIVER AT BRAGG CREEK	78
05BJ006	ELBOW RIVER ABOVE ELBOW FALLS	77
05BJ008	GLENMORE RESERVOIR AT CALGARY	92
05BJ009	LITTLE ELBOW RIVER ABOVE WIHAMI CREEK	132
05BJ010	ELBOW RIVER AT SARCEE BRIDGE	78
05BK001	FISH CREEK NEAR PRIDDIS	67
05BL003	HIGHWOOD RIVER AT HIGH RIVER	102
05BL007	STIMSON CREEK NEAR PEKISKO	241
05BL008	HIGHWOOD RIVER NEAR ALDERSYDE	103
05BL013	THREEPOINT CREEK NEAR MILLARVILLE	251
05BL014	SHEEP RIVER AT BLACK DIAMOND	226
05BL015	LITTLE BOW CANAL AT HIGH RIVER	130
05BL019	HIGHWOOD RIVER AT DIEBEL'S RANCH	101
05BL021	HIGHWOOD RIVER BELOW PICKLEJAR CREEK	102
05BL022	CATARACT CREEK NEAR FORESTRY ROAD	81
05BL023	PEKISKO CREEK NEAR LONGVIEW	188
05BL024	HIGHWOOD RIVER NEAR THE MOUTH	103
05BL025	HIGHWOOD DIVERSION CANAL NEAR HEADGATES	101
05BL027	TRAP CREEK NEAR LONGVIEW	253
05BM002	BOW RIVER BELOW CARSELAND DAM	34
05BM003	WESTERN IRRIGATION DISTRICT CANAL NEAR CHESTERMERE LAKE	274
05BM004	BOW RIVER BELOW BASSANO DAM	33
05BM005	HAMMER HILL SPILLWAY NEAR GLEICHEN	97
05BM007	PARFLESH CREEK NEAR CHANCELLOR	182
05BM008	CROWFOOT CREEK NEAR CLUNY	64
05BM009	TWELVE MILE COULEE SPILLWAY NEAR CARSELAND	254
05BM012	CAIRN HILL SPILLWAY NEAR THE MOUTH	47
05BM014	WEST ARROWWOOD CREEK NEAR ARROWWOOD	272
05BM017	WESTERN IRRIGATION DISTRICT CANAL "B" NEAR HEADGATE	274
05BM018	WEST ARROWWOOD CREEK NEAR ENSIGN	273
05BN002	TWELVE MILE CREEK NEAR CECIL	285
05BN006	NEW WEST COULEE NEAR THE MOUTH	189
05BN007	ROWALANE WASTEWAY NEAR HAYS	217
05BN008	BOW RIVER DEVELOPMENT DRAIN D NEAR VAUXHALL	35
05BN009	BOW RIVER DEVELOPMENT DRAIN K NEAR VAUXHALL	36
05BN010	ANTELOPE COULEE SPILLWAY	3
05BN012	BOW RIVER NEAR THE MOUTH	39
05BN014	COAL CREEK AT BOW CITY	59
05BN015	ROLLING HILLS CANAL NO. 1 SPILL	215
05BN016	ROLLING HILLS CANAL NO. 2 SPILL	216
05CA002	JAMES RIVER NEAR SUNDRE	110
05CA003	DEER CREEK (MAIN STEM) NEAR SUNDRE	87
05CA004	RED DEER RIVER ABOVE PANTHER RIVER	203
05CA009	RED DEER RIVER BELOW BURNT TIMBER CREEK	205
05CA011	BEARBERRY CREEK NEAR SUNDRE	16
05CA012	FALLENTIMBER CREEK NEAR SUNDRE	85
05CB006	LITTLE RED DEER RIVER NEAR THE MOUTH	133
05CB002	LITTLE RED DEER RIVER NEAR WATER VALLEY	134
05CB004	RAVEN RIVER NEAR RAVEN	202
05CB005	BEAVERDAM CREEK NEAR COCHRANE	19
05CB006	DICKSON RESERVOIR NEAR DICKSON	88
05CB007	DICKSON DAM TUNNEL OUTLET	88
05CC001	BLINDMAN RIVER NEAR BLACKFALDS	29
05CC002	RED DEER RIVER AT RED DEER	204
05CC003	SYLVAN LAKE AT SYLVAN LAKE	249
05CC006	GULL LAKE AT ASPEN BEACH	97
05CC007	MEDICINE RIVER NEAR ECKVILLE	153
05CC008	BLINDMAN RIVER NEAR BLUFFTON	29
05CC009	LLOYD CREEK NEAR BLUFFTON	135
05CC010	WELCH CREEK TRIBUTARY NEAR LEEDALE	272
05CC011	WASKASOO CREEK AT RED DEER	284
05CD005	BUFFALO LAKE NEAR ERSKINE	44
05CD006	HAYNES CREEK NEAR HAYNES	100
05CD007	PARLBY CREEK AT ALIX	183
05CD002	PARLBY CREEK NEAR MIRROR	184
05CE001	RED DEER RIVER AT DRUMHELLER	117
05CE002	KNEEHILLS CREEK NEAR DRUMHELLER	214
05CE005	ROSEBUD RIVER AT REDLAND	218
05CE006	ROSEBUD RIVER BELOW CARSTAIRS CREEK	219
05CE007	THREEHILLS CREEK NEAR CARBON	280
05CE010	RAY CREEK NEAR INNISFAIL	203
05CE011	BERWICK CREEK NEAR THREE HILLS	309
05CE018	THREEHILLS CREEK BELOW RAY CREEK	280
05CE019	SHEEP COULEE NEAR CARSTAIRS	225
05CE020	MICHICHI CREEK AT DRUMHELLER	155
05CE001	BIGELOW RESERVOIR NEAR WIMBORNE	28
05CE003	BULLPOUND CREEK NEAR THE MOUTH	45
05CE004	BULLPOUND CREEK NEAR WATTS	45
05CE005	ATLAS MINE COULEE AT WESTERN MONARCH	9
05CE008	FISH CREEK ABOVE LITTLE FISH LAKE	86
05CE007	ALBERTA POWER COOLING POND	1
05CH007	BERRY CREEK NEAR THE MOUTH	25
05CH008	BERRY CREEK NEAR ROSE LYNN	24
05CH011	BERRY CREEK RESERVOIR OUTLET	26
05CH012	DEADFISH INFLOW CANAL NEAR CROSSFORD	88
05CH013	FORSTER RESERVOIR NEAR CROSSFORD	88
05CH014	BERRY CREEK RESERVOIR NEAR SUNNYNOOK	25
05CH018	BERRY CREEK BELOW DEADFISH CREEK	24
05CJ001	EASTERN IRRIGATION DISTRICT NORTH BRANCH CANAL NEAR BASSANO	76
05CJ003	EASTERN IRRIGATION DISTRICT EAST BRANCH CANAL NEAR LATHOM	76

STATION NO.	NAME	PAGE
05CJ004	EASTERN IRRIGATION DISTRICT SPRINGHILL CANAL NEAR LATHOM	77
05CJ005	SMETREE CREEK NEAR PATRICIA	178
05CJ007	MATZHIWIN CREEK ABOVE WARE COULEE	147
05CJ008	WARE COULEE ABOVE MATZHIWIN CREEK	267
05CK001	BLOOD INDIAN CREEK NEAR THE MOUTH	30
05CK004	RED DEER RIVER NEAR BINDLOSS	205
05CK005	ALKALI CREEK NEAR THE MOUTH	2
05CK006	KENNEDY COULEE NEAR ACADIA VALLEY	115
05CK007	BLOOD INDIAN CREEK NEAR CABIN LAKE	30
05DA002	SIFFLEUR RIVER NEAR THE MOUTH	226
05DA007	MISTAYA RIVER NEAR SASKATCHEWAN CROSSING	161
05DA009	NORTH SASKATCHEWAN RIVER AT WHIRLPOOL POINT	173
05DA010	SILVERHORN CREEK NEAR THE MOUTH	227
05DB002	PRAIRIE CREEK NEAR ROCKY MOUNTAIN HOUSE	200
05DB003	CLEARWATER RIVER ABOVE LIMESTONE CREEK	57
05DB005	PRAIRIE CREEK BELOW LICK CREEK	199
05DB006	CLEARWATER RIVER NEAR DOVERCOURT	58
05DC001	NORTH SASKATCHEWAN RIVER NEAR ROCKY MOUNTAIN HOUSE	174
05DC006	RAM RIVER NEAR THE MOUTH	201
05DC009	LAKE ABRAHAM NEAR NORDEGG	122
05DC010	NORTH SASKATCHEWAN RIVER BELOW BIGHORN PLANT	173
05DC011	NORTH RAM RIVER AT FORESTRY ROAD	172
05DC012	BAPTISTE RIVER NEAR THE MOUTH	10
05DD004	BROWN CREEK AT FORESTRY ROAD	43
05DD005	BRAZEAU RIVER BELOW BRAZEAU PLANT	41
05DD006	BRAZEAU RESERVOIR	40
05DD007	BRAZEAU RIVER BELOW CARDINAL RIVER	41
05DD008	CARDINAL RIVER NEAR THE MOUTH	49
05DD009	NORDEGG RIVER AT SUNCHILD ROAD	170
05DE002	WABAMUN LAKE AT WABAMUN	282
05DE003	WABAMUN CREEK NEAR DUFFIELD	282
05DE006	NORTH SASKATCHEWAN RIVER NEAR LODGEPOLE	174
05DE007	ROSE CREEK NEAR ALDER FLATS	218
05DE009	TOMAHAWK CREEK NEAR TOMAHAWK	252
05DF001	NORTH SASKATCHEWAN RIVER AT EDMONTON	172
05DF003	BLACKMUD CREEK NEAR ELLERSLIE	24
05DF004	STRAWBERRY CREEK NEAR THE MOUTH	242
05DF006	WHITEMUD CREEK NEAR ELLERSLIE	277
05DF007	WHITEMUD CREEK (WEST BRANCH) NEAR IRETON	277
05EA001	STURGEON RIVER NEAR FORT SASKATCHEWAN	245
05EA002	STURGEON RIVER AT ST. ALBERT	244
05EA005	STURGEON RIVER NEAR VILLENEUVE	245
05EA006	LAC STE. ANNE AT ALBERTA BEACH	121
05EA008	ISLE LAKE AT EUREKA BEACH	108
05EA009	ATIM CREEK NEAR SPRUCE GROVE	8
05EA010	STURGEON RIVER NEAR MAGNOLIA BRIDGE	245
05EB011	HASTINGS LAKE NEAR DEVILLE	99
05EB012	COOKING LAKE AT COOKING LAKE	62
05EB013	MINISTIK LAKE NEAR NEW SAREPTA	150
05EB014	MIQUELON LAKE AT PROVINCIAL PARK	161
05EB015	BEAVERHILL CREEK NEAR THE MOUTH	20
05EB016	AMISK CREEK NEAR SMONTS	2
05EB902	POINTE-AUX-PINS CREEK NEAR ARDROSSAN	194
05EB909	POINTE-AUX-PINS TRIBUTARY NO. 1 NEAR ARDROSSAN	194
05EB910	POINTE-AUX-PINS TRIBUTARY NO. 2 NEAR ARDROSSAN	195
05EB911	POINTE-AUX-PINS TRIBUTARY NO. 3 NEAR ARDROSSAN	195
05EC002	WASKATENAU CREEK NEAR WASKATENAU	288
05EC004	NAMEPI CREEK NEAR THE MOUTH	188
05EC005	REDWATER RIVER NEAR THE MOUTH	206
05EC006	WHITE EARTH CREEK NEAR SMOKEY LAKE	276
05EC007	REDWATER RIVER NEAR VIMY	207
05ED002	ATIMOSWE CREEK NEAR ELK POINT	8
05ED003	MOOSEHILLS CREEK NEAR ELK POINT	184
05EE003	VERMILION RIVER NEAR VEGREVILLE	280
05EE005	STRETTON CREEK NEAR MARWAYNE	243
05EE006	VERMILION RIVER TRIBUTARY NEAR BRUCE	281
05EE007	VERMILION RIVER NEAR MARWAYNE	280
05EE008	VERMILION PARK LAKE NEAR VERMILION	259
05EE813	VERMILION RIVER DRAINAGE NEAR HOLDEN	259
05FA001	BATTLE RIVER NEAR PONOKA	13
05FA013	PIGEON LAKE AT GRANDVIEW	190
05FA014	MASKWA CREEK NO. 1 ABOVE BEARHILLS LAKE	146
05FA015	COAL LAKE RESERVOIR NEAR WETASKIWIN	59
05FA018	DRIEDMEAT CREEK NEAR THE MOUTH	71
05FA019	PIGEON LAKE CREEK NEAR USONA	191
05FA020	DRIEDMEAT LAKE AT OUTFLOW	72
05FA022	PIPESTONE CREEK BELOW BIGSTONE CREEK	192
05FA023	BATTLE RIVER ABOVE PIPESTONE CREEK	12
05FA024	WEILLER CREEK NEAR WETASKIWIN	271
05FA312	MUSKEG CREEK NEAR WESTEROSE	187
05FB002	IRON CREEK NEAR HARDISTY	107
05FB003	IRON CREEK NEAR VIKING	108
05FC001	BATTLE RIVER NEAR FORESTBURG	13
05FC002	BIGKNIFE CREEK NEAR CADSBY	27
05FC003	MEETING CREEK NEAR THE MOUTH	184
05FC004	PAINTEARTH CREEK NEAR HALKIRK	183
05FC005	REDWILLOW CREEK NEAR RED WILLOW	207
05FC006	MEETING CREEK NEAR DONALDA	183
05FD001	RIBSTONE CREEK NEAR EDGERTON	210
05FD005	RIBSTONE CREEK NEAR CIAR	210
05FD008	RIBSTONE CREEK TRIBUTARY NEAR CORONATION	211
05FE002	BUFFALO CREEK AT HIGHWAY NO. 41	44
05FE004	BATTLE RIVER NEAR THE SASKATCHEWAN BOUNDARY	14
05GA003	MONITOR CREEK NEAR MONITOR	163
05GA008	SOUNDING CREEK NEAR GYEN	231
05GA009	KIRKPATRICK LAKE TRIBUTARY NEAR SPONDIN	118
05GA010	KILLARNEY LAKE TRIBUTARY NEAR CHAUVIN	118
05GA011	MONITOR CREEK NEAR CONSORT	182
05GA012	SOUNDING CREEK NEAR CHINOOK	230
05GA013	LOYALIST CREEK NEAR CONSORT	139
05AA001	BEAVER RIVER NEAR GODDRIDGE	19
05AA002	AMISK RIVER AT HIGHWAY NO. 38	3
05AA003	BEAVER LAKE AT RANGER STATION	17
05AA004	COLUMBINE CREEK NEAR THE MOUTH	81
05AB001	SAND RIVER NEAR THE MOUTH	233
05AB002	WOLF RIVER AT OUTLET OF WOLF LAKE	282
05AB003	PUNK CREEK NEAR THE MOUTH	200
05AC001	JACKFISH CREEK NEAR LA COREY	109
05AC002	MOORE LAKE NEAR COLD LAKE	184
05AC003	HILDA LAKE NEAR COLD LAKE	104
05AC004	ETHEL LAKE NEAR COLD LAKE	82
05AC005	MARIE LAKE NEAR COLD LAKE	148
05AC006	MOOSELAKE RIVER NEAR FRANCHERE	188
05AC007	MURIEL LAKE AT BURNEYVILLE	167
05AC008	MANATOKAN CREEK NEAR IRON RIVER	144
05AD006	BEAVER RIVER AT COLD LAKE RESERVE	19
05AD013	REITA CREEK NEAR OUTLET OF ANGLING LAKE	200
05AF002	COLD LAKE AT COLD LAKE	99
05AF008	MARTINEAU RIVER ABOVE COLD LAKE	148

STATION NO	NAME	PAGE
07AA001	MIETTE RIVER NEAR JASPER	157
07AA002	ATHABASCA RIVER NEAR JASPER	6
07AA004	MALIGNE RIVER NEAR JASPER	163
07AA007	SUSWAPTA RIVER AT ATHABASCA GLACIER	247
07AA008	WHIRLPOOL RIVER NEAR THE MOUTH	275
07AB002	SNAKE INDIAN RIVER NEAR THE MOUTH	230
07AC001	WILDHAY RIVER NEAR HINTON	278
07AD002	ATHABASCA RIVER AT HINTON	5
07AD004	WHISKEYJACK CREEK NEAR HINTON	275
07AE001	ATHABASCA RIVER NEAR WIROFALL	7
07AF002	MCLEOD RIVER ABOVE EMBARRAS RIVER	150
07AF003	WAMPUS CREEK NEAR HINTON	285
07AF004	BEERLICK CREEK NEAR HINTOO	67
07AF005	EUNICE CREEK NEAR HINTON	83
07AF010	SUNDANCE CREEK NEAR SICKERDIKE	246
07AF013	MCLEOD RIVER NEAR CADOMIN	150
07AF014	EMBARRAS RIVER NEAR WEALO	81
07AF015	GREGG RIVER NEAR THE MOUTH	95
07AF908	GREGG RIVER NEAR HINTON	94
07AF907	SMITH RIVER BELOW HANLAN CREEK	82
07AF909	EMBARRAS RIVER AT ROBB	81
07AF910	WHITEHORSE CREEK NEAR CADOMIN	278
07AG002	WOLF CREEK AT HIGHWAY NO. 16A	282
07AG004	MCLEOD RIVER NEAR WHITECOURT	151
07AG007	MCLEOD RIVER NEAR ROSEVEAR	151
07AG008	GROAT CREEK NEAR WHITECOURT	96
07AH001	FREEMAN RIVER NEAR FORT ASSINIBOINE	89
07AH002	CHRISTMAS CREEK NEAR BLUE RIDGE	95
07AH003	SAKWATAMAU RIVER NEAR WHITECOURT	232
07BA001	PEMBINA RIVER BELOW PADDY CREEK	189
07BA002	RAT CREEK NEAR CYNTHIA	202
07BA003	LOVETT RIVER NEAR THE MOUTH	138
07BB002	PEMBINA RIVER NEAR ENTWISTLE	189
07BB003	LOBSTICK RIVER NEAR STYAL	136
07BB004	PADDLE RIVER NEAR ROCHFORT BRIDGE	181
07BB005	LITTLE PADDLE RIVER NEAR MAYERTHORPE	133
07BB006	PADDLE RIVER AT DARKHEAD	179
07BB007	LAC LA NONNE AT LAC LA NONNE	120
07BB008	CHIP LAKE AT OUTLET TO LOBSTICK RIVER	54
07BB009	CONNOR CREEK NEAR SANGUDO	61
07BB011	PADDLE RIVER NEAR ARSELNE	180
07BB012	PADDLE RIVER NEAR SANGUDO	181
07BB013	PADDLE RIVER AT HIGHWAY NO. 754	180
07BB014	COYOTE CREEK NEAR CHERHILL	83
07BB903	ROMEO CREEK ABOVE ROMEO LAKE	217
07BC002	PEMBINA RIVER AT JARVIE	188
07BC005	STEELE LAKE NEAR JARVIE	239
07BC006	DAPP CREEK AT HIGHWAY NO. 44	65
07BC007	WABASH CREEK NEAR PIGEON	264
07BE001	ATHABASCA RIVER AT ATHABASCA	6
07BE002	BAPTISTE LAKE NEAR ATHABASCA	10
07BE003	POSTER CREEK ABOVE BAPTISTE LAKE	197
07BE004	STONY CREEK NEAR TAWATINAW	242
07BF001	EAST PRAIRIE RIVER NEAR EDILDA	76
07BF002	WEST PRAIRIE RIVER NEAR HIGH PRAIRIE	273
07BF005	WINAGAMI LAKE AT PROVINCIAL PARK	281
07BF006	SOUTH HEART RESERVOIR NEAR MCLENNAN	232
07BH003	DRIFTPILE RIVER NEAR DRIFTPILE	72
07BJ001	SWAN RIVER NEAR KINUSO	247
07BJ002	LESSER SLAVE LAKE AT FAUST	128
07BJ003	SWAN RIVER NEAR SWAN HILLS	248
07BJ004	ADAMS CREEK NEAR KINUSO	1
07BJ005	LESSER SLAVE LAKE AT SLAVE LAKE	128
07BK005	SAULTEAUX RIVER NEAR SPURFIELD	224
07BK006	LESSER SLAVE RIVER AT HIGHWAY NO. 2A	129
07BK007	DRIFTWOOD RIVER NEAR THE MOUTH	73
07BK008	FAWCETT LAKE NEAR SMITH	85
07BK009	SAWRIDGE CREEK NEAR SLAVE LAKE	230
07CA003	FLAT CREEK NEAR BOYLE	67
07CA004	LAC LA BICHE AT LAC LA BICHE	120
07CA005	PINE CREEK NEAR GRASSLAND	193
07CA006	WANDERING RIVER NEAR WANDERING RIVER	288
07CA008	BARRETTE CREEK NEAR COLINTON	9
07CA010	PICHE RIVER NEAR IMPERIAL MILLS	190
07CA011	LA BICHE RIVER AT HIGHWAY NO. 63	119
07CA012	LOGAN RIVER NEAR THE MOUTH	137
07CA013	OWL RIVER BELOW PICHE RIVER	179
07CB001	CALLING LAKE AT RANGER STATION	47
07CB003	HOUSE RIVER AT HIGHWAY NO. 63	105
07CB901	CLEARWATER RIVER AT DRAPER	59
07CB904	RANGINGSTONE RIVER AT FORT MCMURRAY	88
07CB905	CLEARWATER RIVER ABOVE CHRISTINA RIVER	57
07CE001	GREGOIRE LAKE NEAR FORT MCMURRAY	95
07CE002	CHRISTINA RIVER NEAR CHARD	55
07CE003	POUY CREEK NEAR CHARD	196
07CE004	ROBERT CREEK NEAR ANZAC	214
07CE005	JACKFISH RIVER BELOW CHRISTINA LAKE	109
07CE006	BIRCH CREEK NEAR CONKLIN	27
07DA001	ATHABASCA RIVER BELOW MCMURRAY	6
07DA006	STEEPBANK RIVER NEAR FORT MCMURRAY	240
07DA007	POPLAR CREEK NEAR FORT MCMURRAY	197
07DA008	MUSKEG RIVER NEAR FORT MACKAY	168
07DA009	HARTLEY CREEK NEAR FORT MACKAY	98
07DA011	UNNAMED CREEK NEAR FORT MACKAY	297
07DA012	JOSLYN CREEK NEAR FORT MACKAY	112
07DA017	ELLS RIVER NEAR THE MOUTH	80
07DA018	BEAVER RIVER ABOVE SYNCRUDE	16
07DB001	MACKAY RIVER NEAR FORT MACKAY	142
07DB004	MACKAY RIVER ABOVE DUNKIRK RIVER	141
07DC001	FIREBAG RIVER NEAR THE MOUTH	86
07DD002	RICHARDSON RIVER NEAR THE MOUTH	213
07DD007	ATHABASCA RIVER ABOVE JACKFISH CREEK	4
07DD008	RICHARDSON LAKE AT THE OUTLET	211
07DD010	ATHABASCA RIVER ABOVE FLETCHER CHANNEL	4
07DD011	ATHABASCA RIVER NEAR OLD FORT	7
07FD003	PEACE RIVER AT DUNVEGAN BRIDGE	194
07FD006	SADDLE RIVER NEAR WORKING	221
07FD008	HINES CREEK NEAR FAIRVIEW	108
07FD009	CLEAR RIVER NEAR BEAR CANYON	58
07FD011	HINES CREEK ABOVE BERRY LAKE	104
07FD012	MONTAGNEUSE RIVER NEAR HINES CREEK	163
07FD013	EUREKA RIVER NEAR WORSLEY	84
07FD014	WAINSCOTT COULEE NEAR BROWNVALE	284
07FD910	BYCROFT SURVEY NO. 3 NEAR BYCROFT	221
07FD913	YOUNG DRAINAGE PROJECT NEAR SPIRIT RIVER	293
07FD921	VIXEN CREEK NEAR BELLAY	281
07GA001	SMOKY RIVER ABOVE WELLS CREEK	228
07GA002	MUSKEG RIVER NEAR GRANDE CACHE	168
07GB001	CUTBANK RIVER NEAR GRANDE PRAIRIE	65

STATION NO	NAME	PAGE
07GB002	KAKWA RIVER NEAR GRANDE PRAIRIE	113
07GD001	BEAVERLODGE RIVER NEAR BEAVERLODGE	20
07GD002	BEAVERTAIL CREEK NEAR HYTHE	21
07GD003	REDWILLOW RIVER NEAR BEAVERLODGE	208
07GE001	WAPITI RIVER NEAR GRANDE PRAIRIE	208
07GE002	KLESKUN HILLS MAIN DRAIN NEAR GRANDE PRAIRIE	117
07GE003	GRANDE PRAIRIE CREEK NEAR BERSMITH	93
07GE004	BEAR LAKE NEAR CLAIRMONT	15
07GE005	BEAR RIVER NEAR GRANDE PRAIRIE	16
07GE006	COLQUHOUN CREEK NEAR GRANDE PRAIRIE	60
07GE007	BEAR CREEK NEAR VALHALLA CENTRE	15
07GF001	SIMONETTE RIVER NEAR GODDWIN	227
07GF002	SPRING CREEK NEAR VALLEYVIEW	236
07GF003	WOLVERINE CREEK NEAR VALLEYVIEW	243
07GF004	SPRING CREEK (UPPER) NEAR VALLEYVIEW	246
07GF005	BRIDGEIT CREEK NEAR VALLEYVIEW	42
07GF006	ROCKY CREEK NEAR VALLEYVIEW	215
07GF007	HORSE CREEK NEAR VALLEYVIEW	216
07GF008	DEEP VALLEY CREEK NEAR VALLEYVIEW	105
07GG001	WASKAHIGAN RIVER NEAR THE MOUTH	86
07GG002	LITTLE SMOKY RIVER AT LITTLE SMOKY	297
07GG003	IOSEGUN RIVER NEAR LITTLE SMOKY	134
07GH002	LITTLE SMOKY RIVER NEAR GUY	107
07GH003	STURGEON LAKE AT WILLIAMSON PARK	135
07GH004	PEAVINE CREEK NEAR PALMER	244
07GJ001	SMOKY RIVER AT WATINO	186
07GJ005	LALBY CREEK NEAR GIROUXVILLE	239
07HA001	PEACE RIVER AT PEACE RIVER	125
07HA003	HEART RIVER NEAR NAMPA	105
07HA005	WHITEMUD RIVER NEAR GIROUXVILLE	100
07HA902	KRAMCHUK DRAINAGE NEAR MCLENNAN	278
07HB001	CADOTTE RIVER AT OUTLET CADOTTE LAKE	118
07HB002	ELDER CREEK AT HIGHWAY NO. 686	46
07HC001	NOTIKEWIN RIVER AT MANNING	79
07HC002	BUCHANAN CREEK NEAR MANNING	176
07HF001	PEACE RIVER AT FORT VERMILION	63
07HF002	KEG RIVER AT HIGHWAY NO. 35	184
07JA001	UTIKUMA LAKE NEAR PIPIDI	115
07JA002	SOUTH WABASCA LAKE NEAR DESMARAIS	258
07JA003	WILLOW RIVER NEAR WABASCA	234
07JB001	PEERLESS LAKE AT PEERLESS LAKE	281
07JB002	WABASCA RIVER BELOW TROUT RIVER	187
07JC001	LAFOND CREEK NEAR RED EARTH CREEK	263
07JD002	WABASCA RIVER AT WADLIN LAKE ROAD	121
07JD003	JACKPINE CREEK AT WADLIN LAKE ROAD	263
07JD004	TEEPEE CREEK NEAR LACRETE	110
07JF002	BOYER RIVER NEAR FORT VERMILION	249
07JF003	PORTER RIVER ABOVE BOYER RIVER	39
07JF004	BOYER RIVER NEAR PADDLE PRAIRIE	195
07KC001	PEACE RIVER AT PEACE POINT	40
07KC005	PEACE RIVER BELOW CHENAL DES QUATRE FOURCHES	115
07KE001	BIRCH RIVER BELOW ALICE CREEK	186
07KF001	CHENAL DES QUATRE FOURCHES AT QUATRE FOURCHES	26
07KF002	LAKE CLAIRE NEAR OUTLET TO PRAIRIE RIVER	53
07KF003	MAMAWI LAKE CHANNEL AT OLD DOC CAMP	123
07MD001	LAKE ATHABASCA AT FORT CHIPEWYAN	143
07MD002	LAKE ATHABASCA AT BUSTARD ISLAND	123
07NA001	RIVIERE DES ROCHERS ABOVE SLAVE RIVER	122
07NA003	RIVIERE DES ROCHERS ABOVE REVILLON COUPE	213
07NA007	RIVIERE DES ROCHERS EAST OF LITTLE RAPIDS	212
07NA008	RIVIERE DES ROCHERS WEST OF LITTLE RAPIDS	213
07NB001	SLAVE RIVER AT FITZGERALD	214
07NB008	DOG RIVER NEAR FITZGERALD	238
07OA001	SOUSA CREEK NEAR HIGH LEVEL	89
07OB003	HAY RIVER NEAR MEANDER RIVER	231
07OB004	STEEN RIVER NEAR STEEN RIVER	88
07OB005	MEANDER RIVER AT OUTLET OF HUTCH LAKE	240
07OB006	LUTOSE CREEK NEAR STEEN RIVER	183
07OB007	HUTCH LAKE TRIBUTARY NEAR HIGH LEVEL	140
07OC001	CHINCHAGA RIVER NEAR HIGH LEVEL	108
11AA001	NORTH MILK RIVER NEAR INTERNATIONAL BOUNDARY	54
11AA005	MILK RIVER AT MILK RIVER	171
11AA025	MILK RIVER AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY	150
11AA028	SAGE CREEK AT O RANCH NEAR WILDHORSE	158
11AA029	BEAR CREEK NEAR INTERNATIONAL BOUNDARY	222
11AA031	MINERS COULEE NEAR INTERNATIONAL BOUNDARY	14
11AA032	MILK RIVER AT EASTERN CROSSING OF INTERNATIONAL BOUNDARY	180
11AA033	NORTH FORK MILK RIVER ABOVE ST. MARY CANAL	197
11AA038	SOUTH FORK MILK RIVER NEAR BABB	171
11AB008	VERDIGRIS COULEE NEAR THE MOUTH	232
11AB009	MIDDLE CREEK NEAR THE SASKATCHEWAN BOUNDARY	266
11AB080	BEESON RESERVOIR NEAR ELKWATER	185
11AB081	MICHEL RESERVOIR NEAR ELKWATER	206
11AB082	GREASEWOOD RESERVOIR NEAR ELKWATER	194
11AB084	BARE CREEK RESERVOIR NEAR ELKWATER	84
11AB087	CRESSDAY RESERVOIR NEAR CRESSDAY	11
11AB088	JAYDOT RESERVOIR NEAR JAYDOT	63
11AB089	MITCHELL RESERVOIR NEAR ELKWATER	111
11AB104	MASSY RESERVOIR NEAR ELKWATER	182
11AB902	LODGE CREEK AT HIGHWAY NO. 61	147
		137